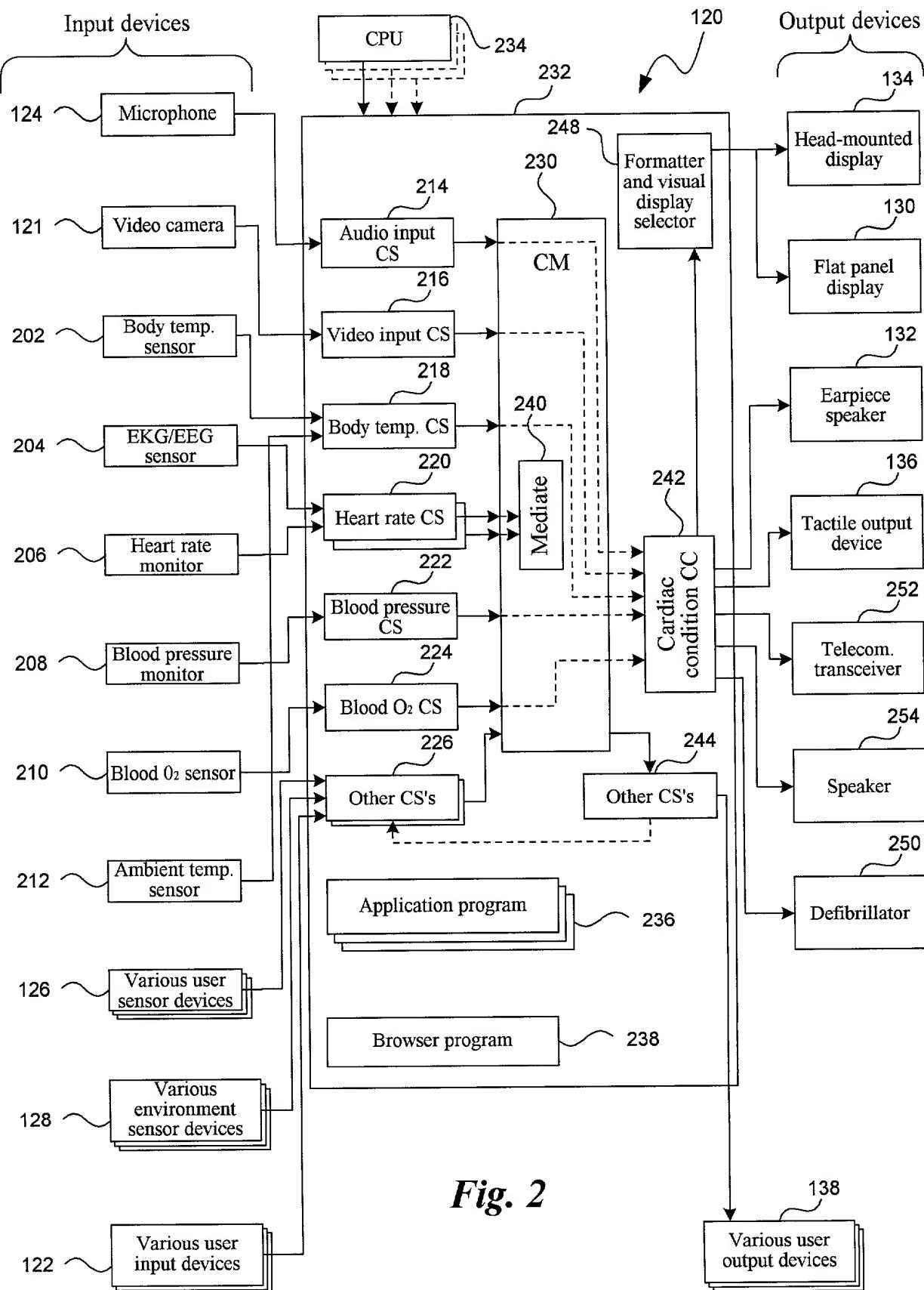
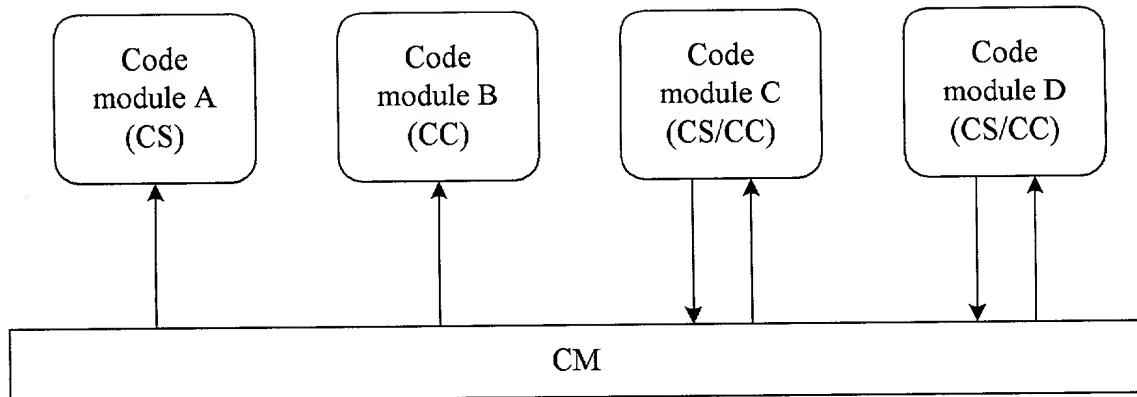


**Fig. 1**

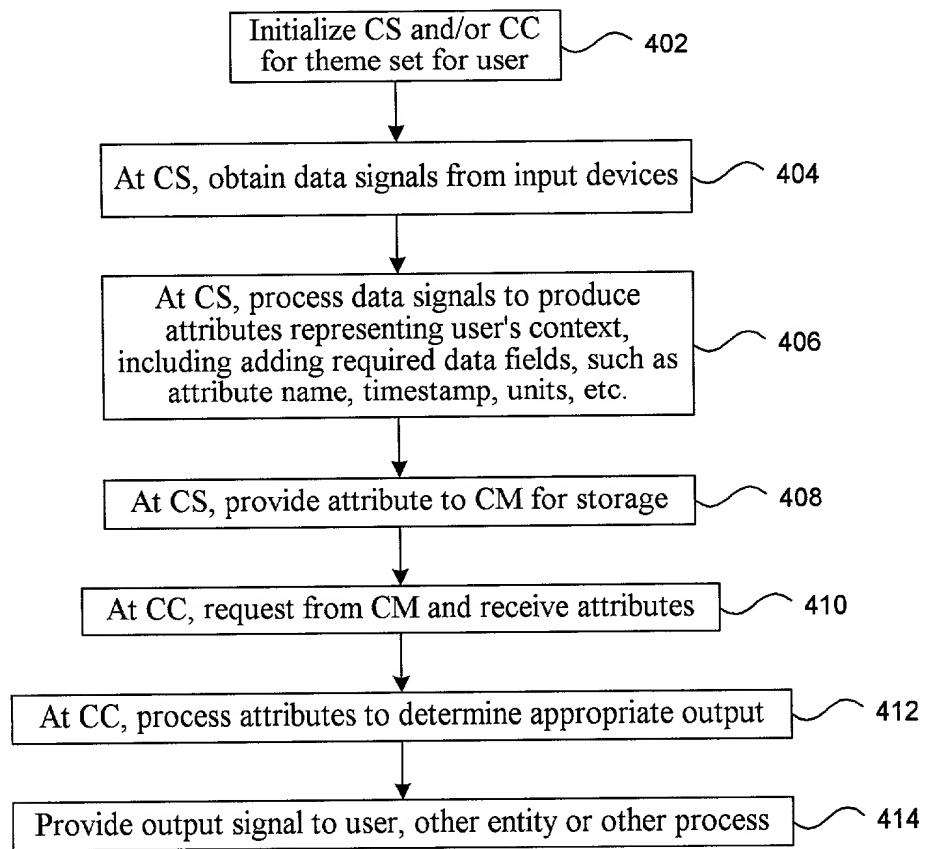


*Fig. 2*



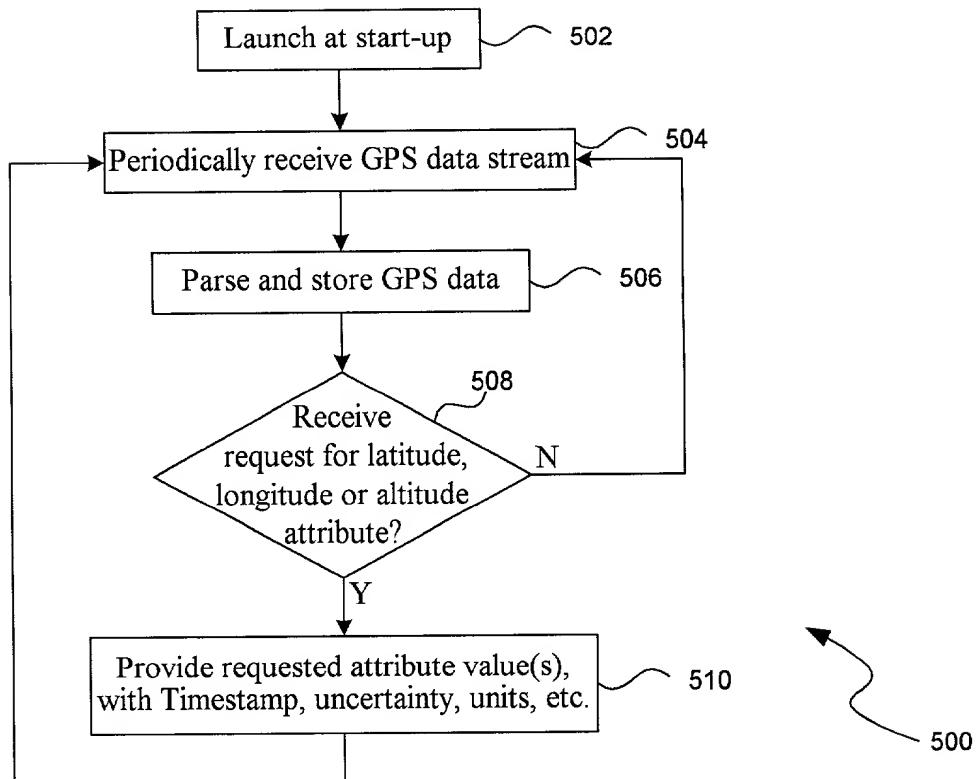
**Fig. 3**

300

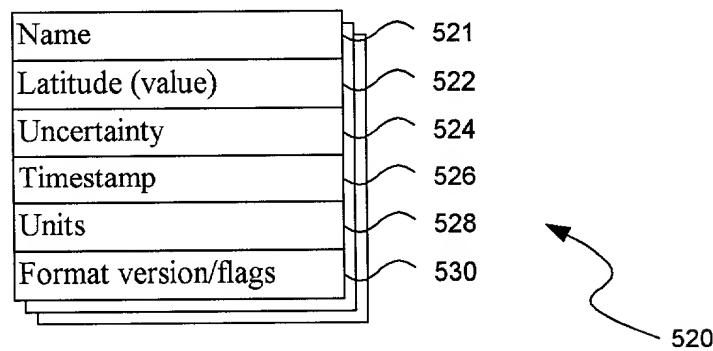


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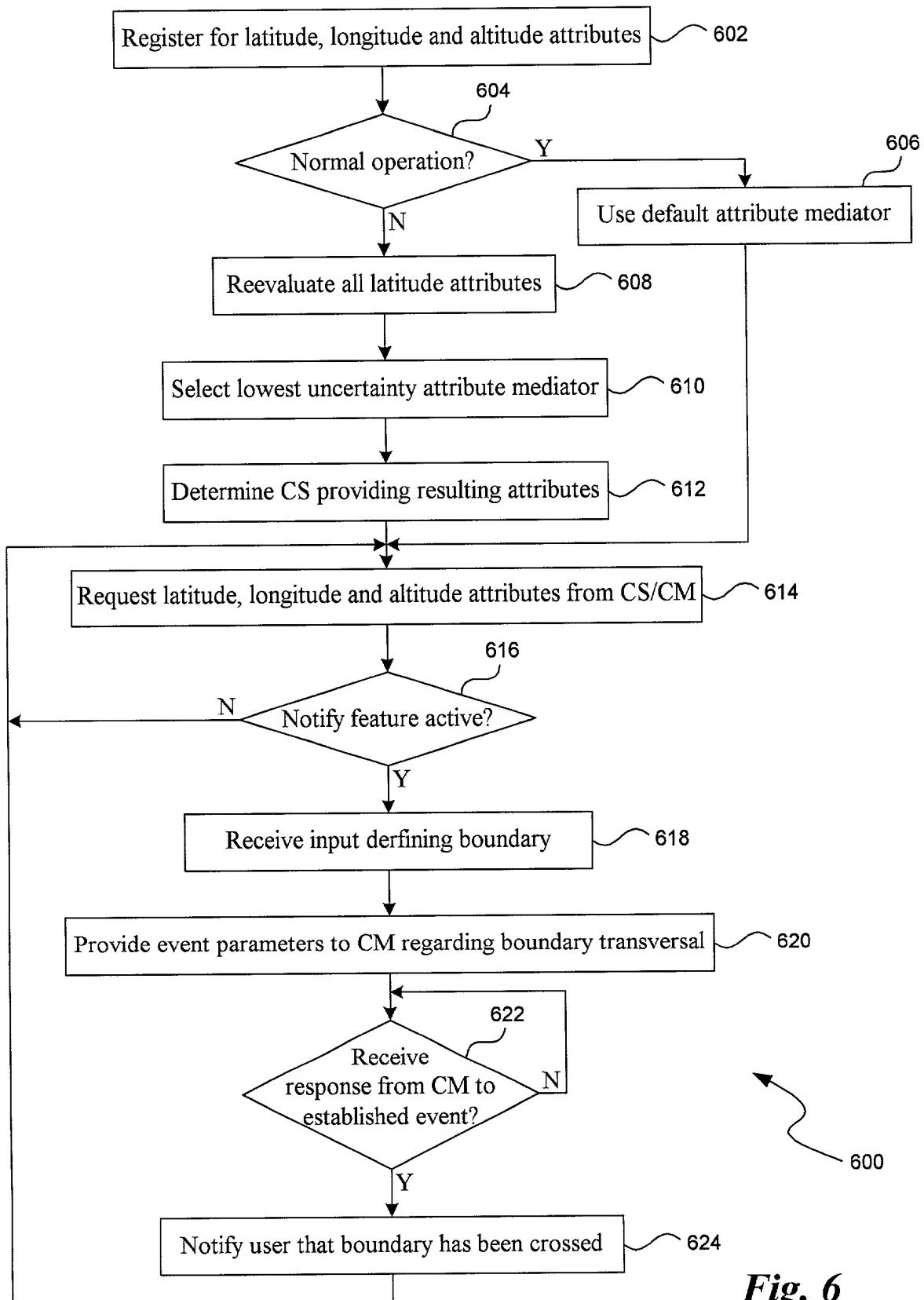
400



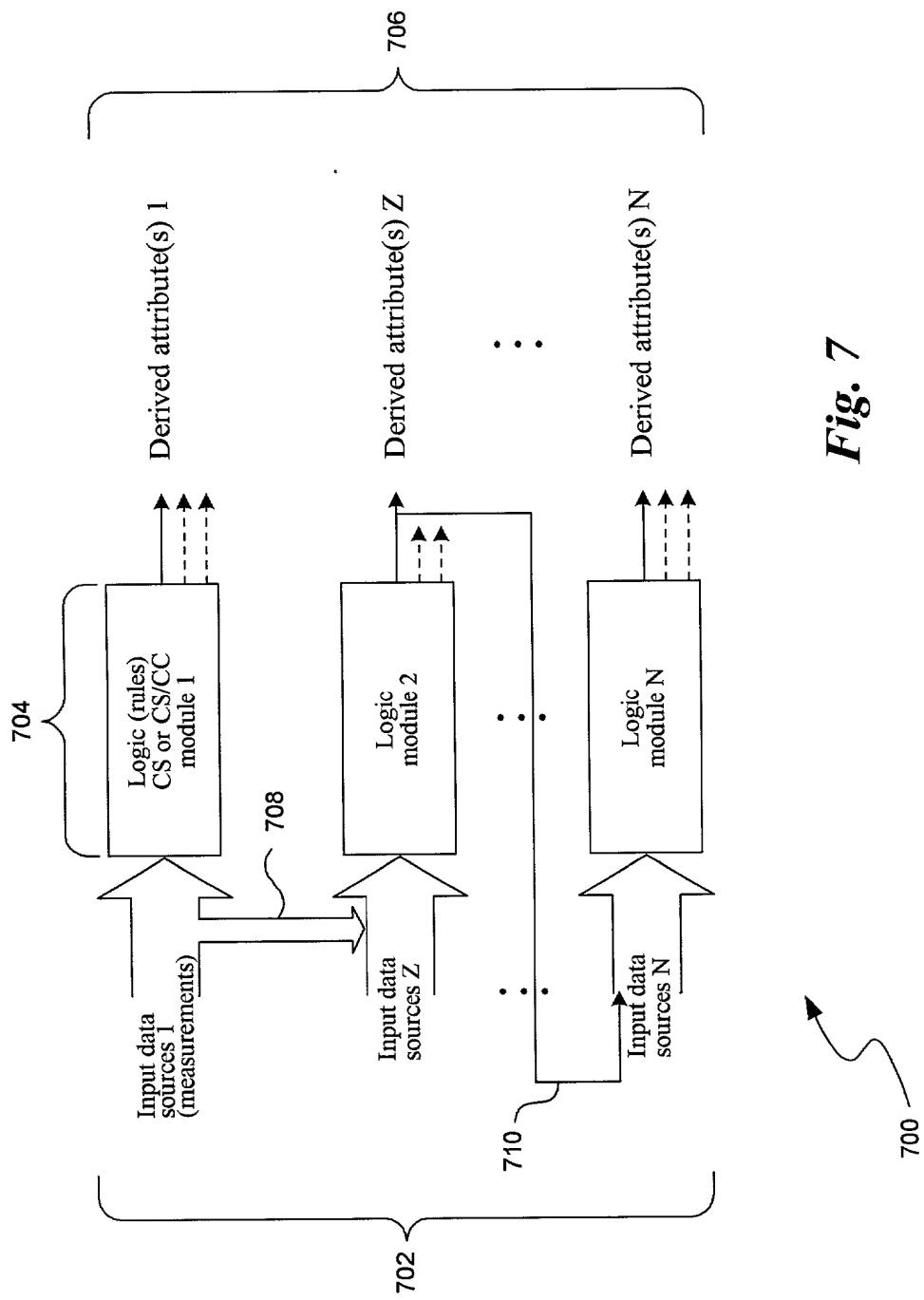
*Fig. 5A*



*Fig. 5B*



**Fig. 6**



**Fig. 7**

<b>User.</b>		<b>Platform.</b> (continued)
Desired_privacy_level		CPU.
Interruptibility		Load
Speed		Speed
Direction		Memory.
Acceleration		Total_capacity
Availability.		Used
Cognitive_availability		Storage.
Tactile_availability		Total_capacity
Manual_availability		Used
Visual_availability		Connectivity.
Oral_availability		Connection_status
Auditory_availability		Connection_speed
Proximity.<Item or place name>		Connection_type/device
Mood.		Connection_activity
Happiness		Power.
Sadness		Power_source
Anger		Power_level
Frustration		<b>Environment.</b>
Confusion		People.
Activity.		Nearest
Driving		Number_present
Eating		Number_close
Running		Local.
Sleeping		Time
Talking		Date
Typing		Temperature
Walking		Pressure
Location.		Wind_speed
Place_name		Wind_direction
Latitude		Absolute_humidity
Longitude		High_forecast_temperature
Altitude		Low_forecast_temperature
Room		People_present
Floor		Ambient_noise_level
Building		Ambient_light_level
Address		Days.<previous or future>.
Street		High_temperature
City		Low_temperature
County		Precipitation_type
State		Precipitation_amount
Country		Place.<place name>. (same as Environment.Local)
Postal_Code		
Destination. (same as User.Location.)		
<b>Physiology.</b>		<b>Application.</b>
Pulse		Mail.
Body_temperature		Available
Blood_pressure		New_messages_waiting
Respiration		Messages_waiting_to_be_sent
<b>Person.&lt;name or ID&gt;. (same as User.)</b>		Phone.
<b>Platform.</b>		Available
UI.		In_use
Oral_input_device_availability		On/off
Manual_input_device_availability		Notification_mechanism
Tactile_output_device_availability		Call_incoming
Visual_output_device_availability		Caller_ID
Auditory_output_device_availability		Sound_recorder.
		Available
		Recording

Fig. 8

**Fig. 9**

User Setting	Computer
Mental Context	Power
Meaning	Configuration
Cognition	User Input Systems
Divided User Attention	Hand/Haptic
Task Switching	Keyboard/Keystrokes
Background Awareness	Voice/Audio
Solitude	Eye Tracking
Privacy	Cursors
Desired Privacy	Axis
Perceived Privacy	Resolution
Social Context	Selection
Affect	Invocation
Physical Situation	Accelerators
Body	Output Systems
Biometrics	Visual
Posture	Resolution
Motion	Audio
Physical Encumberment	Public/Private
Senses	Haptic
Eyes	External Resources
Ears	I/O devices
Tactile	Connectivity
Hands	
Nose	
Tongue	
Workload demands/effects	
Interaction with computer devices	
Interaction with people	
Physical Health	
Environment	
Time/Space	
Objects	
Persons	
Audience/Privacy Availability	Data
Scope of Disclosure	Quantity/State
Hardware affinity for privacy	Urgency/Importance
Privacy Indicator for User	Use of Prominence
Privacy Indicator for Public	Modality
Watching Indicator	Sensitivity/Purpose
Being Observed Indicator	Privacy Issues
Ambient Interference	Use of Association
Visual	Use of Safety
Audio	Source/Ownership
Tactile	Types
	User generated
	Other computers or people
	Sensor
	PC State
	Use of Association

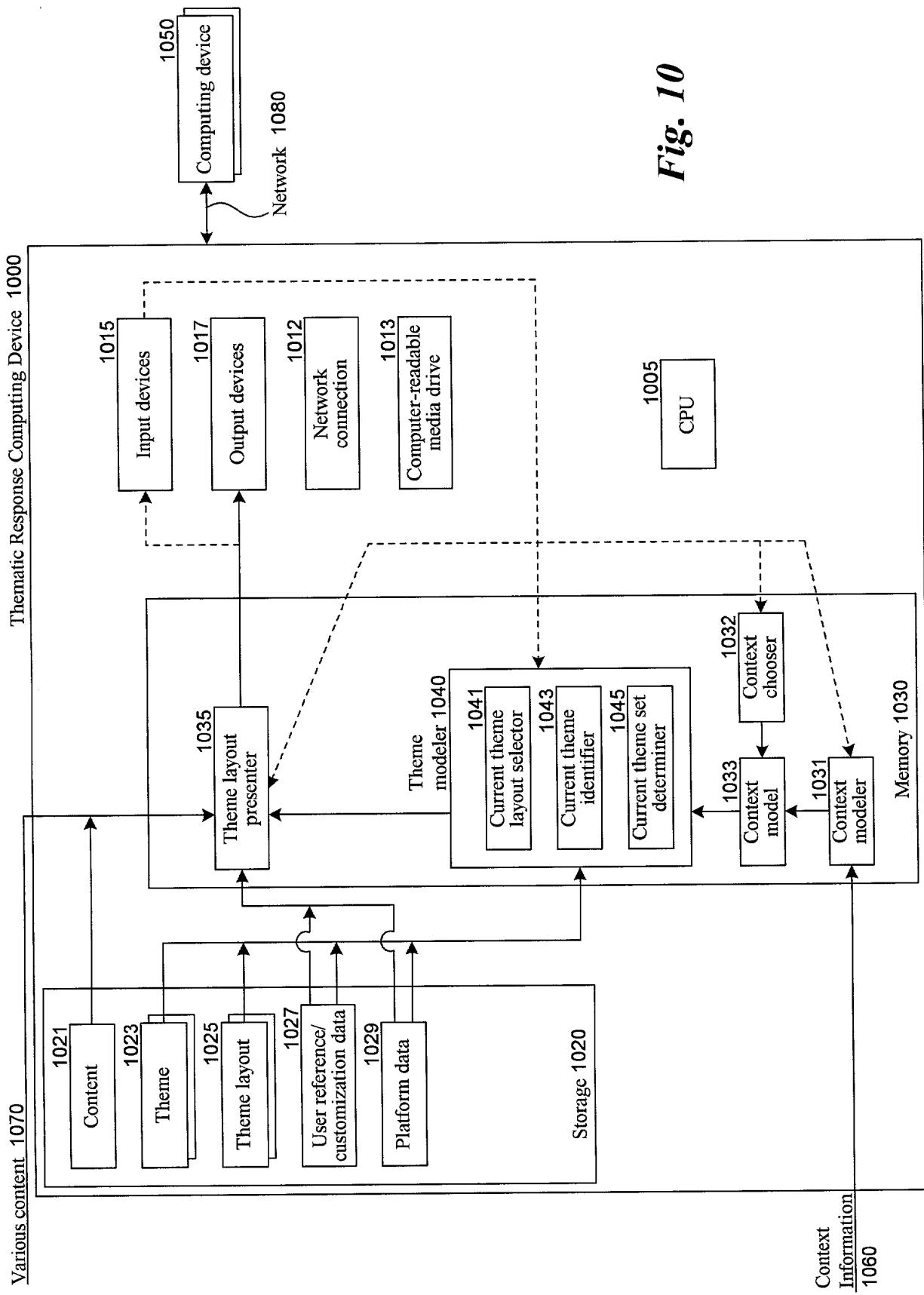
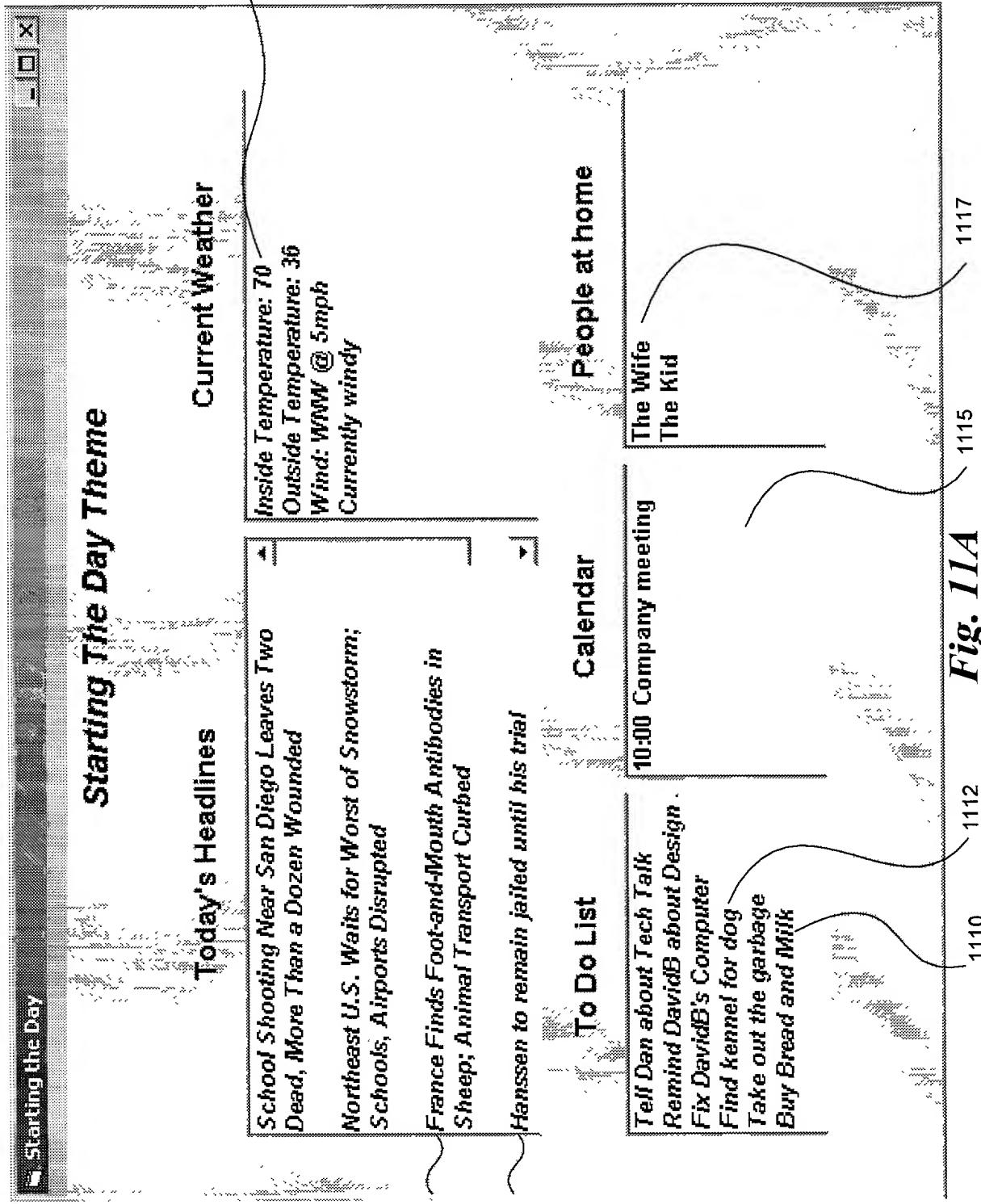
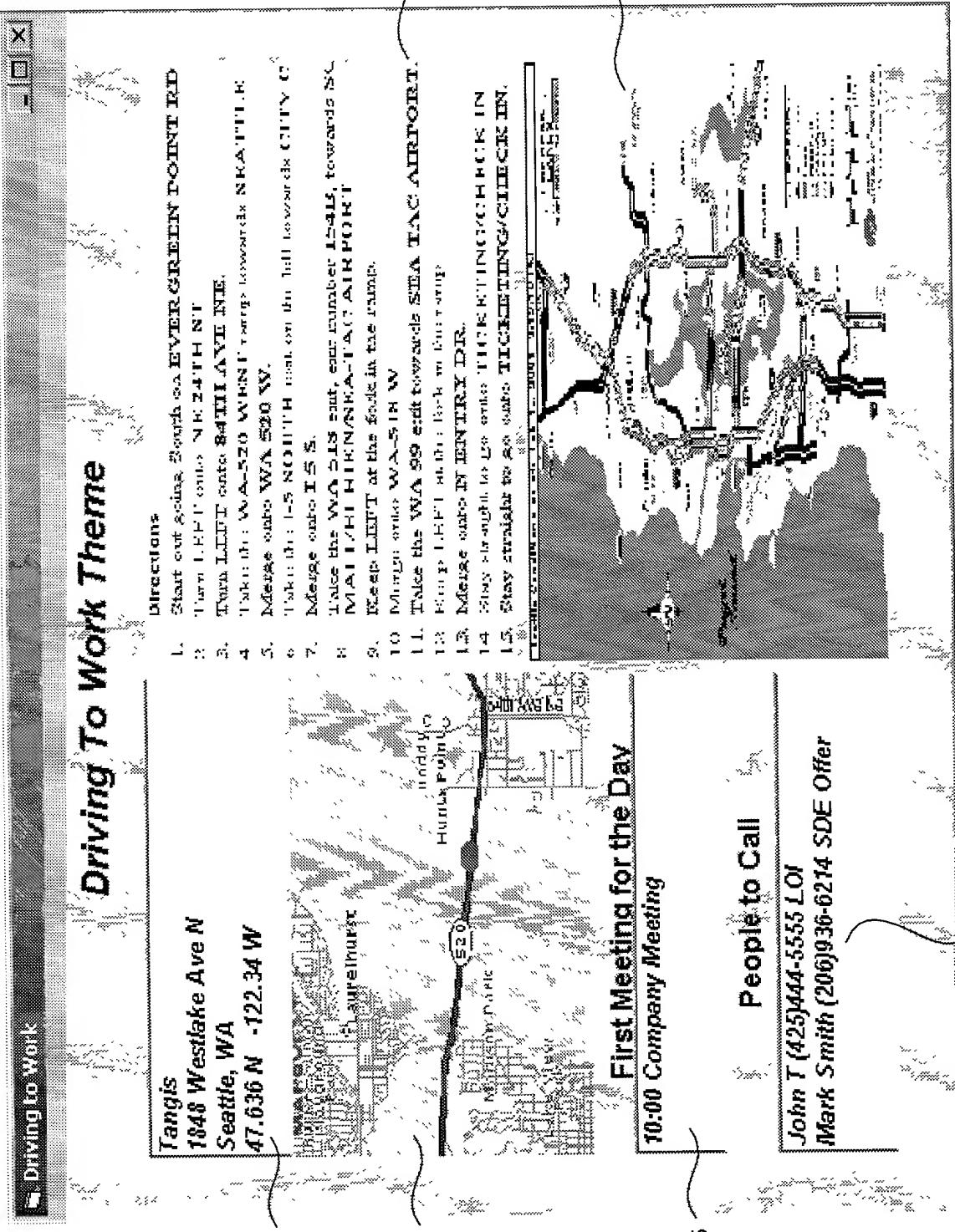


Fig. 10



**Fig. 11A**



**Fig. 11B**

**Arriving at Work Theme**

**People in the Building**

Ancel Johnson

**To Do List**

Tell Dan about Tech Talk  
Remind DavidB about Design spec deadline.  
Fix DavidB's Computer  
Call Mark Smith (206)936-6214 about Job Offer

**Tangis Bulletin Board**

1 Weekly Company meeting at 10:00pm  
2 VIA demo at 3:00pm Penthouse. Everyone invited.  
3 Who let my dog out? [Dan]  
4 Extra ticket to Sonics/Lakers game tonight [Josh]  
5 Who used decaf on the non decaf container? [Alan]

Fig. 11C

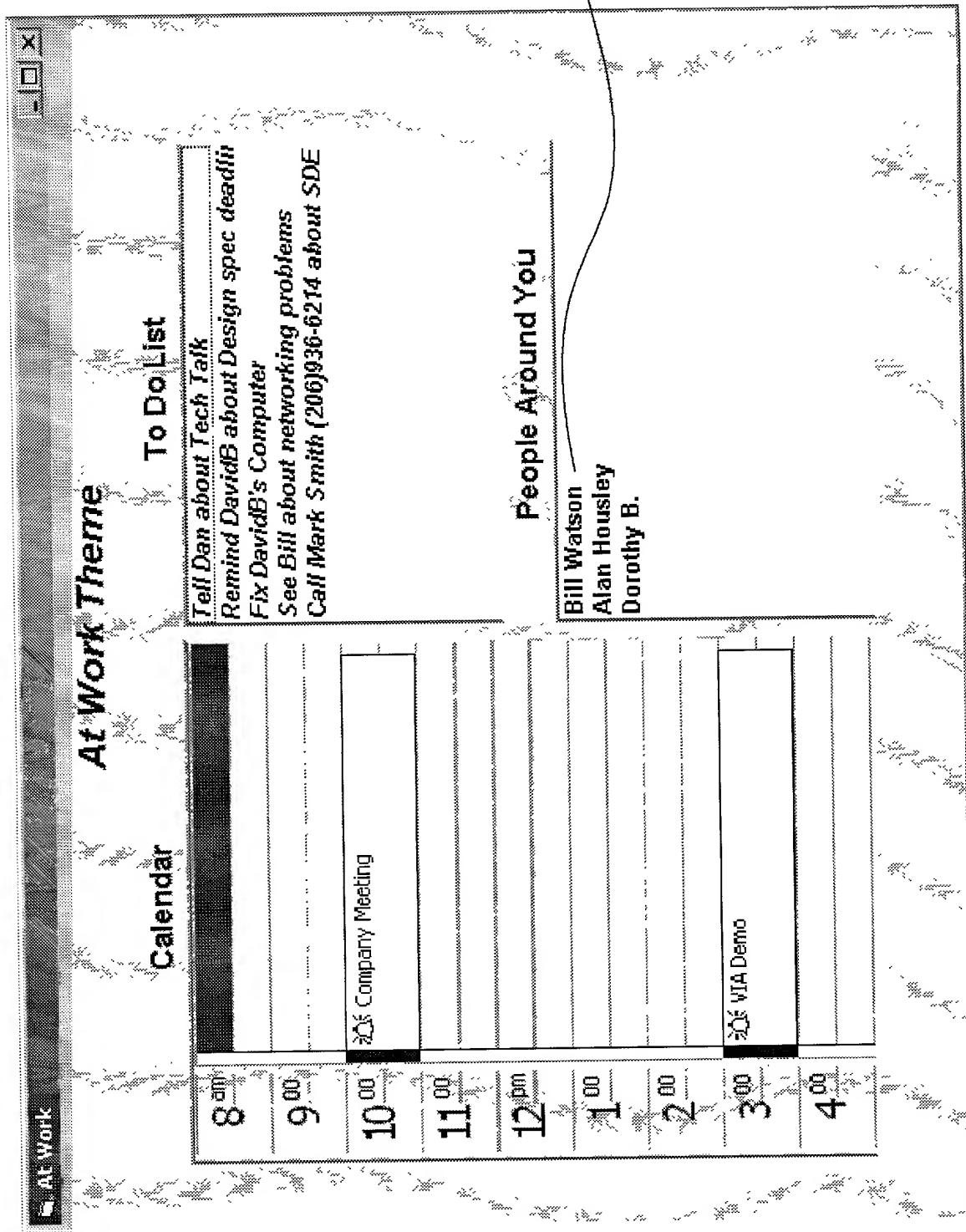


Fig. 11D

1135

Meet with Bill

**Bill Watson Theme**

**Bill Watson**

**Recognize**

**Contact Information**

**Bill Watson**  
*Married with Children*



**Reminders**

See Bill about networking problems  
Tell joke about Barbi.

**Fig. 11E**

Company Meeting

## Meeting Theme

### Things to bring up

Tell group what you did last week
Tell group what you plan to do this week
Tell group about your new invention.
Tell group about your upcoming skiing trip.
Kudos for Stan and Dorothy for finishing report

### Notes

Finished coding Turing Machine on Monday.
Did bug bash on Tuesday.
Survived an earthquake on Wednesday.
Worked on CTK demo rest of last week
Continuing work on CTK demo rest of this week

### People Present

Aaron Graves  
Alan Housley  
Ancel Johnson  
Bill Watson  
Brian Rose  
Cesar Alvarez  
Dan Newell  
David Jukes  
Dorothy B.  
Jacquie T.  
Jeff Fried  
Jim Roberts  
Johnson A.  
Josh Freedman  
Kanisha Patel  
Ken Abbott  
Lisa Davis  
Molly Fitch  
Scott Price  
Stan Emerit

1137

Fig. 11F

Meet with Bill

Meet with Bill

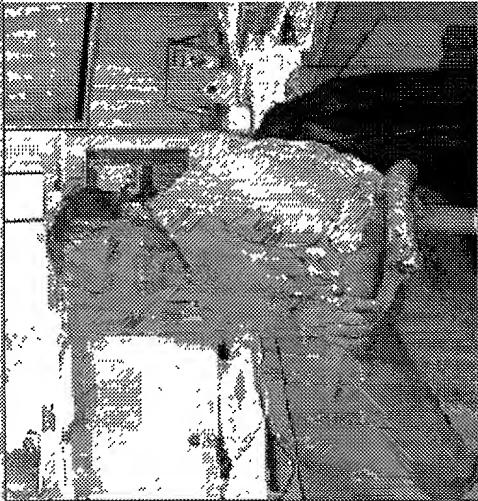
## Dan Newell Theme

Recognize

Contact Information

Dan Newell  
Has met The Man  
Married with 1 year old son

Dan Newell



Reminders

- Ask him about his 90 day plan
- Tell joke about Barbi.
- Ask Dan about his watch.
- Tell Dan about Tech Talk.
- Invite Dan to Lunch.
- He owes you \$10.00

Fig. 11G

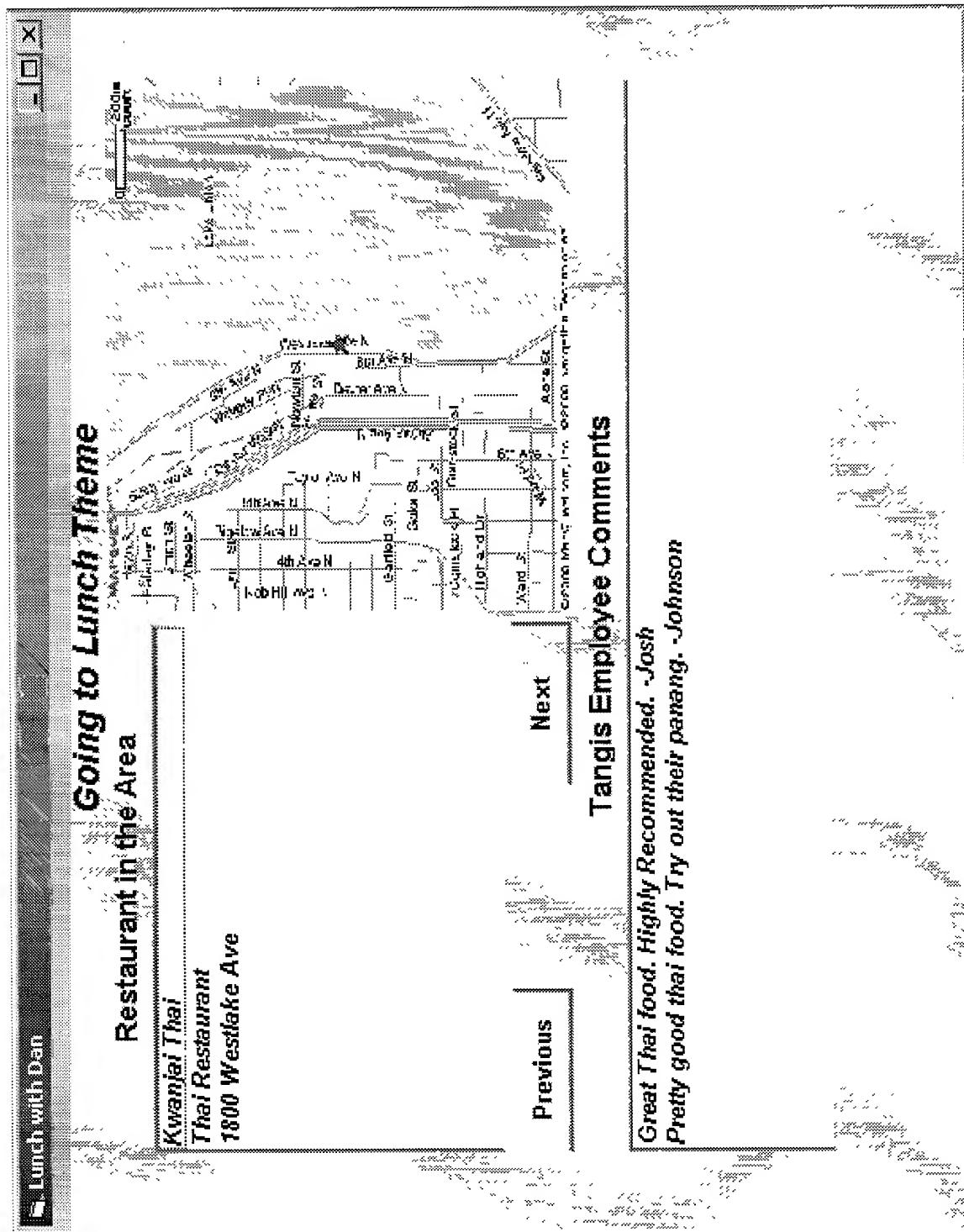


Fig. 11H

Repairing a PC Theme	
Computer Equipment	Description
Josh's Computer	<p>Notes</p> <p>Currently inoperative Josh noticed a loud noise coming from the hard disk. He said it might be a problem with the disk's brake pads. If he mentions this again, humor him.</p>
	<p>Software Installed</p> <p>Office 2000 Visual Studios 6.0 MS Entertainment Pack Boeing Marketing Tutorial: How to talk like a techie</p>
	<p>Hardware Installed</p> <p>Creative Sound Blaster 10.0 card Ricoh 32X CDRW MS USB Microphone Intel TR1688 100Mbps Token Ring</p>

Fig. III

## Driving Home

Your wife is at Nordstroms.

Current house temperature: 55F

Turn on Heat

CALL

### To do list

- Find kennel for dog
- Bring in the garbage
- Buy Bread and Milk
- Buy CC Ice Cream

1140

1145

### Family Board

[Wife] 3:48 I am going to Nordstroms after work.  
[Son] 4:40 Dad, Can you buy me some CC ice cream.

Fig. III

W C E F D G H I J K L

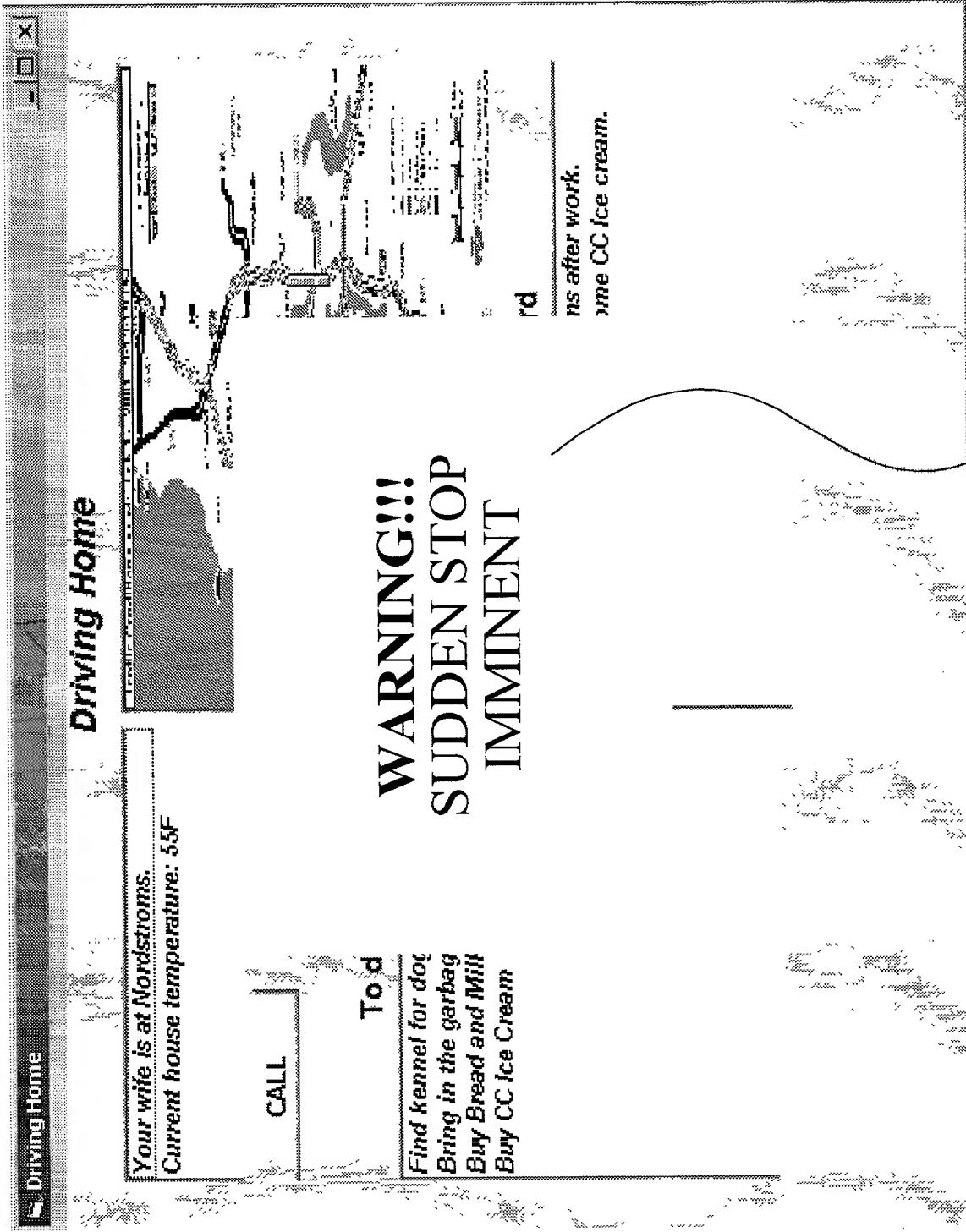


Fig. 11K 1190

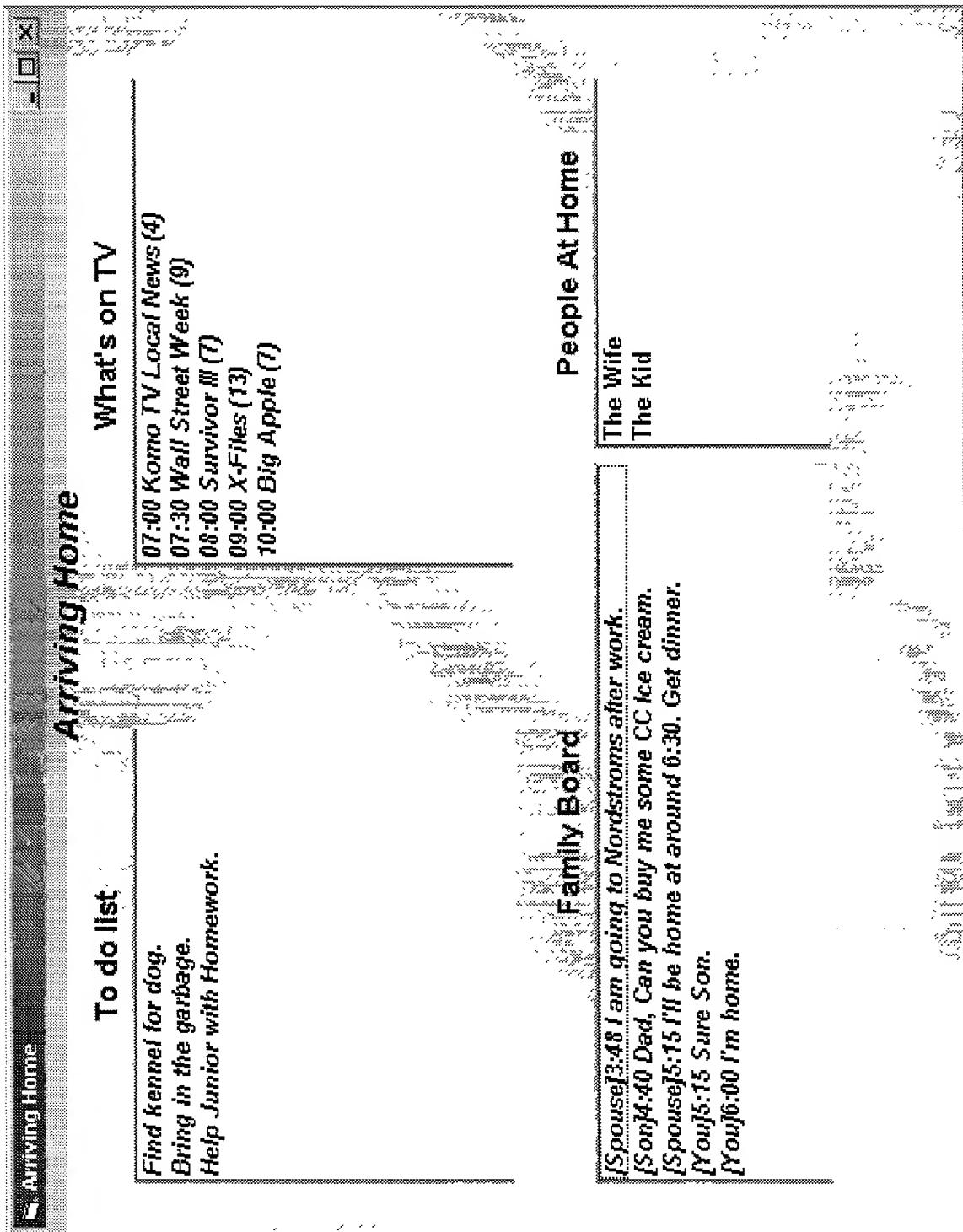
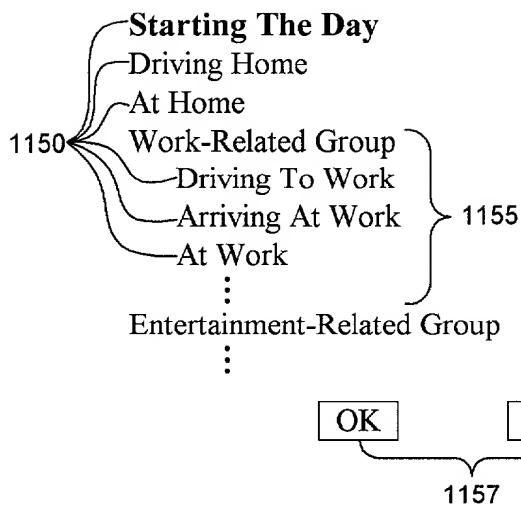


Fig. III

Example Current Theme Selection

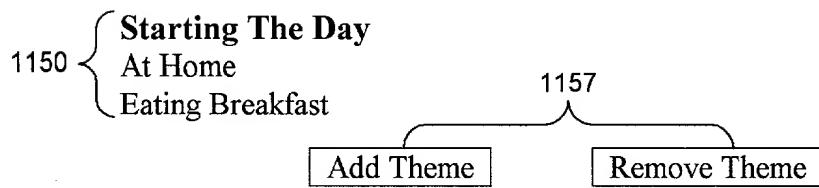
*Select A New Current Theme*



*Figure 11M*

Example Current Theme Set Modification

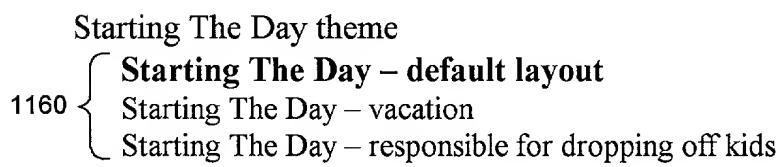
*Current Theme Set*



*Figure 11N*

Example Current Theme Layout Selection

*Select A New Current Theme Layout*



*Figure 11O*

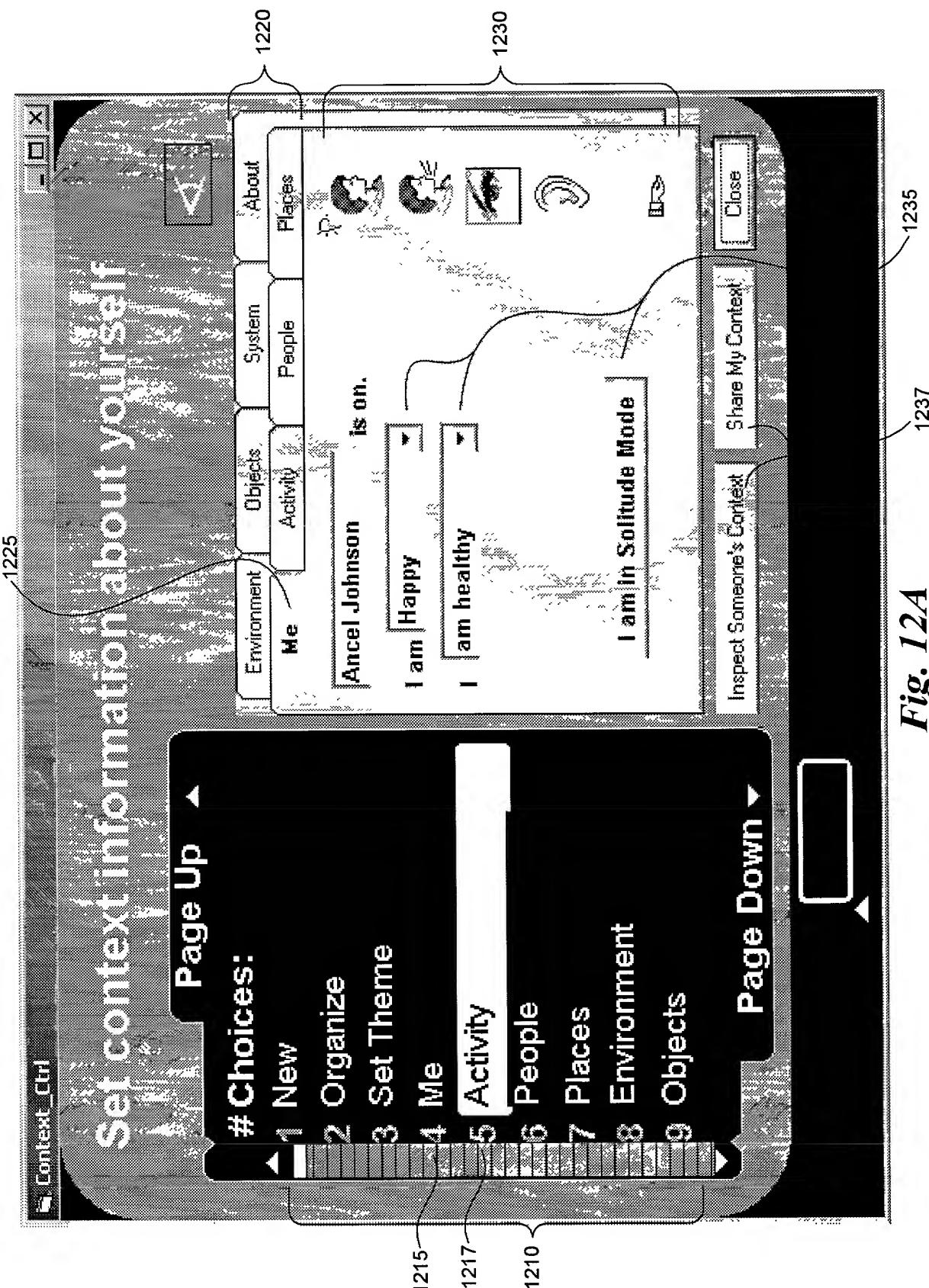


Fig. 12A

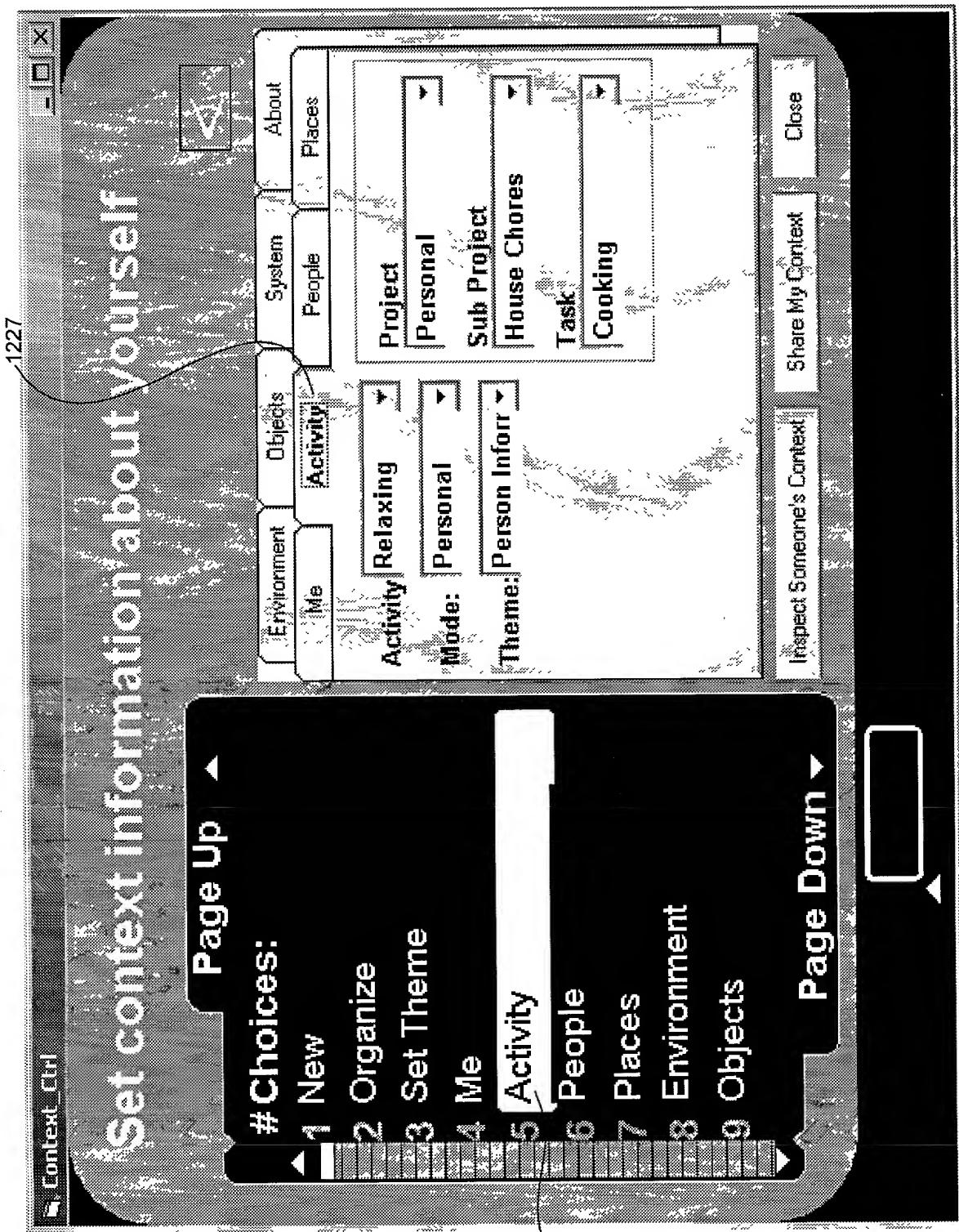


Fig. 12B

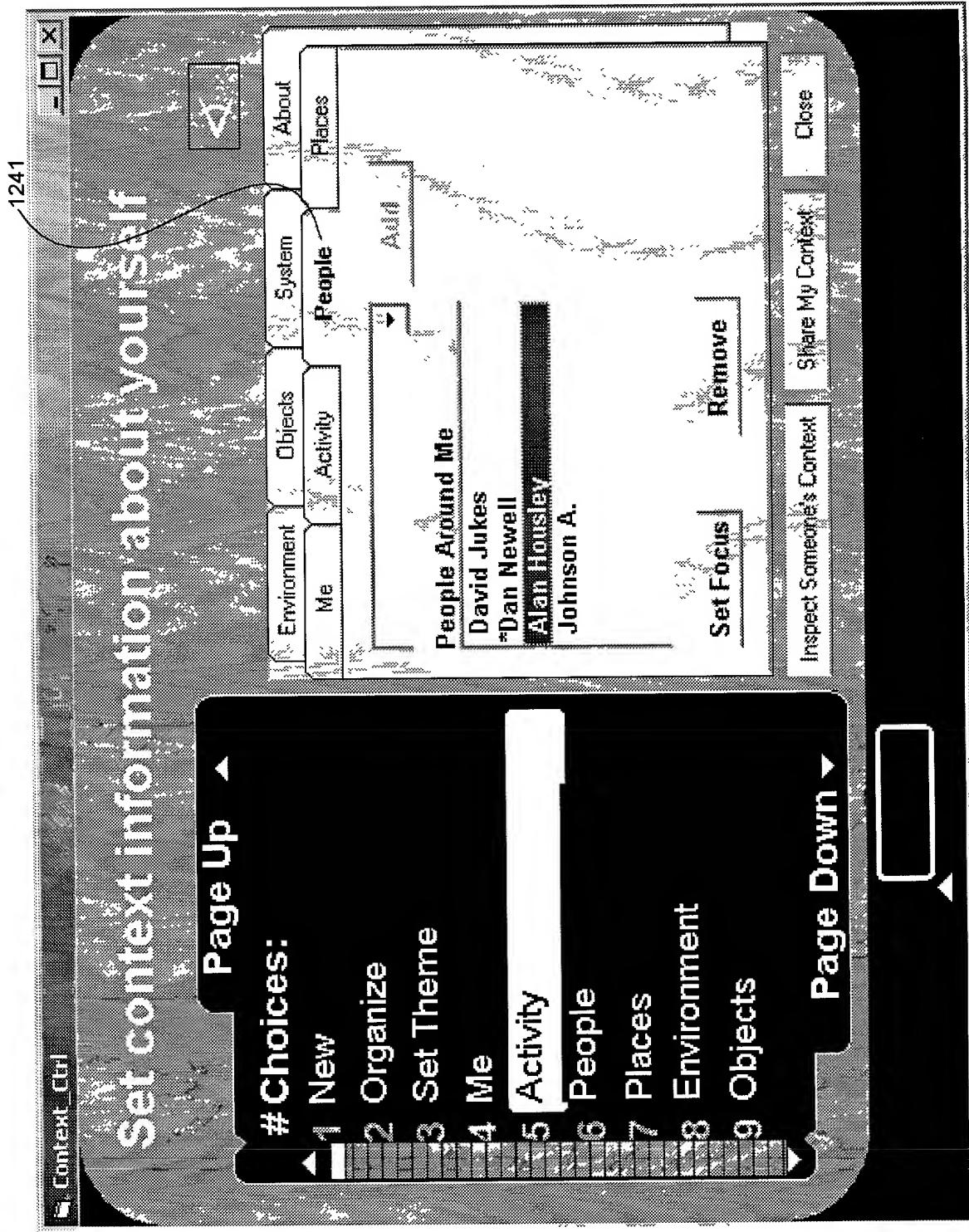


Fig. 12C

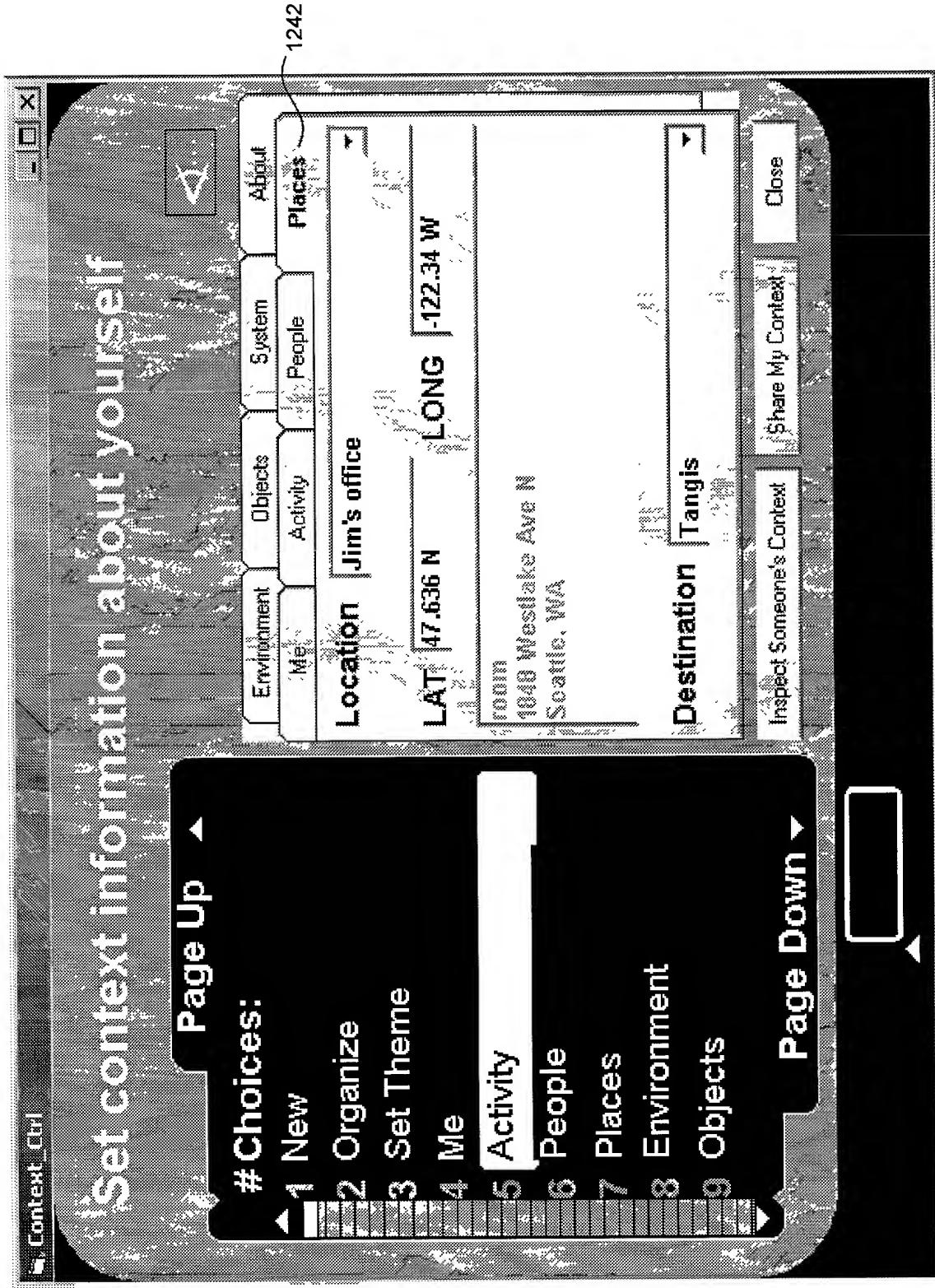


Fig. 12D

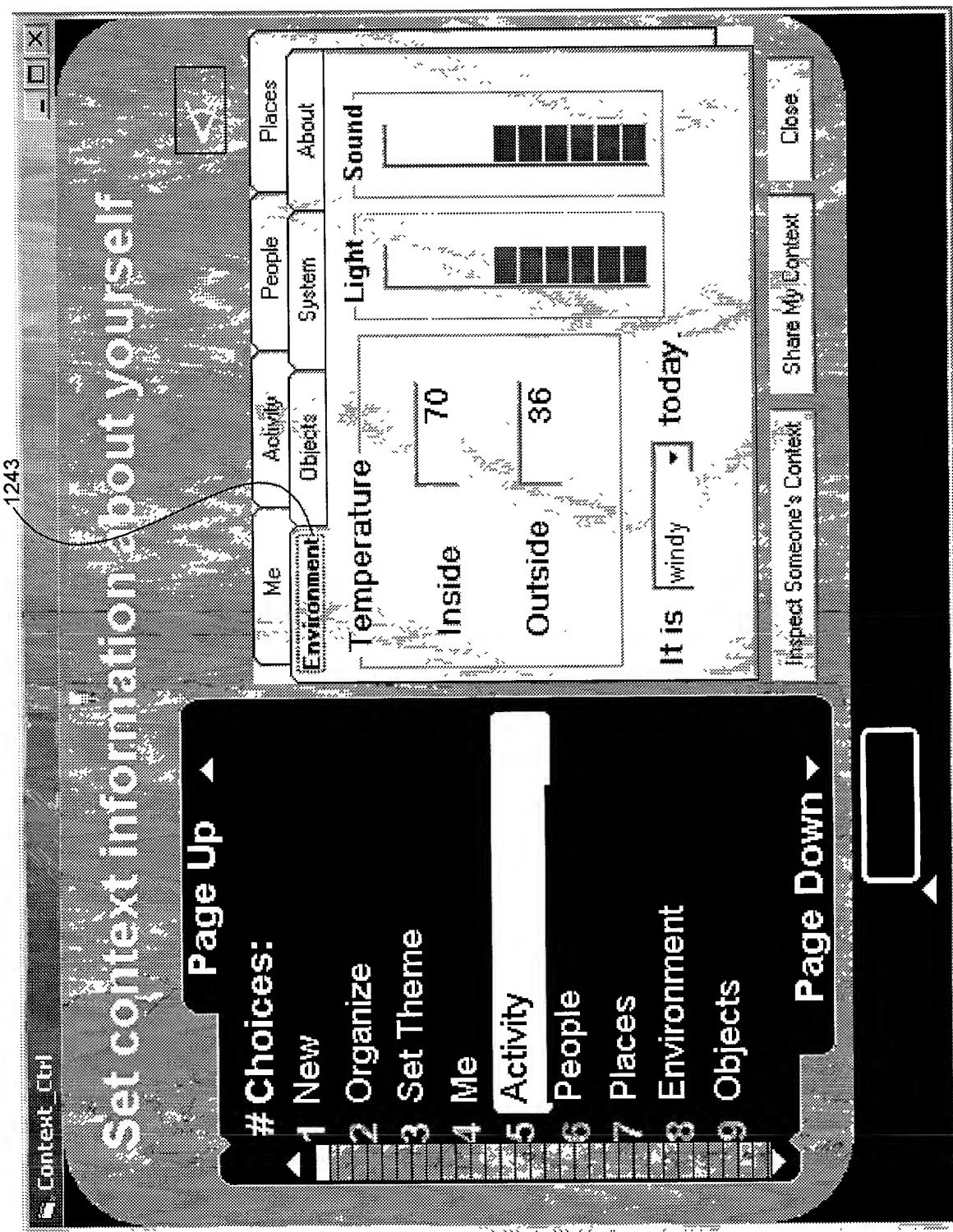


Fig. 12E

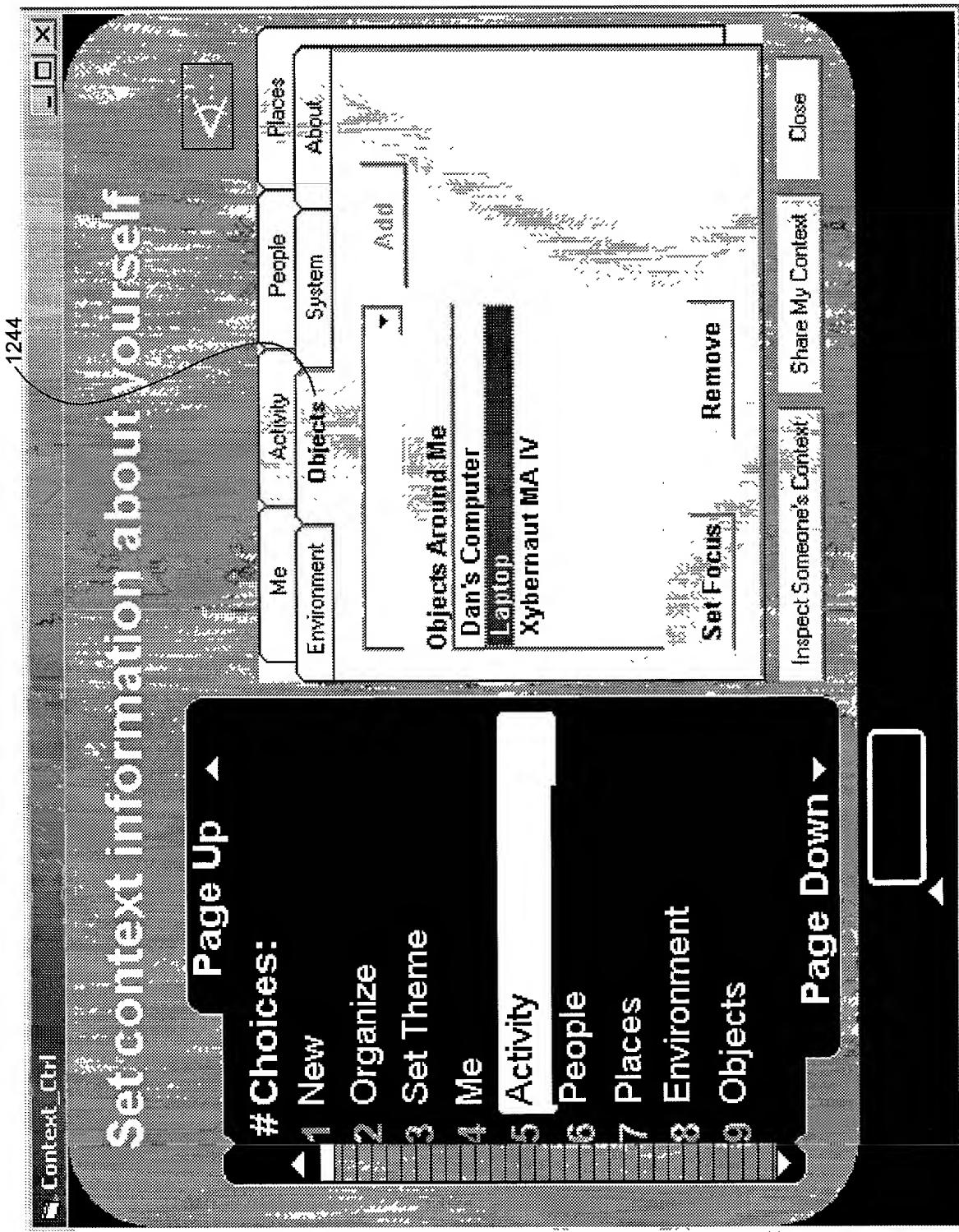


Fig. 12F

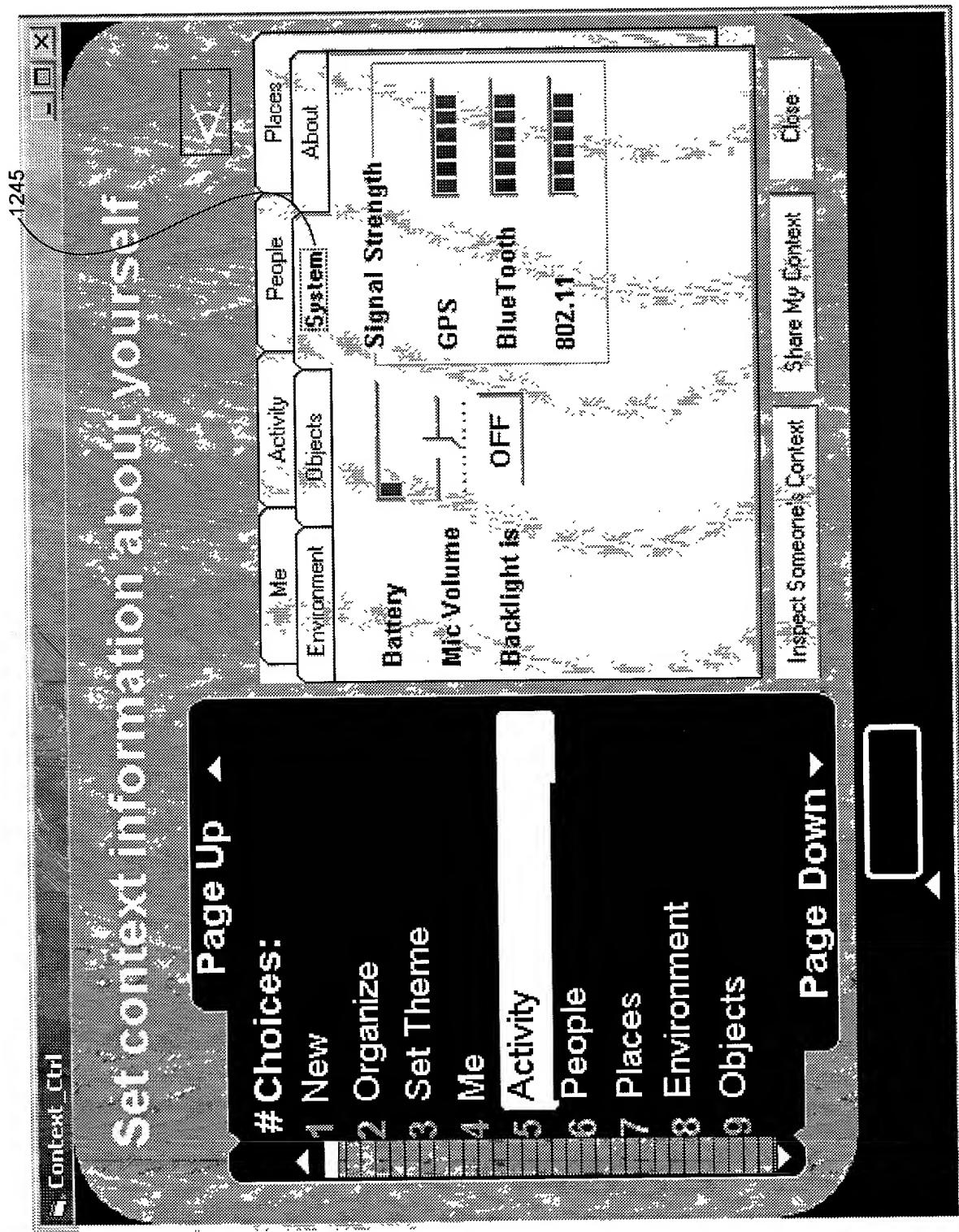


Fig. 12G

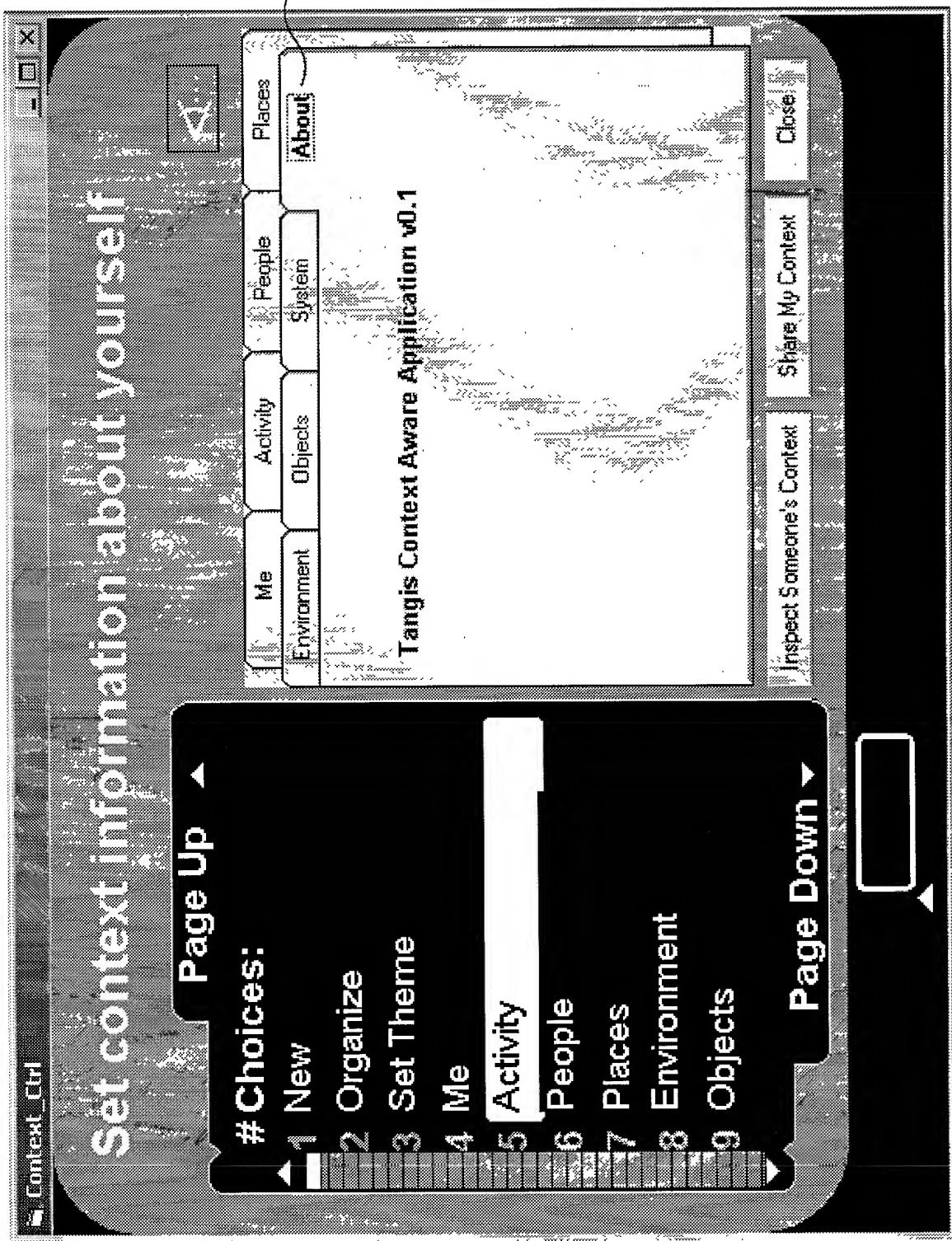


Fig. 12H

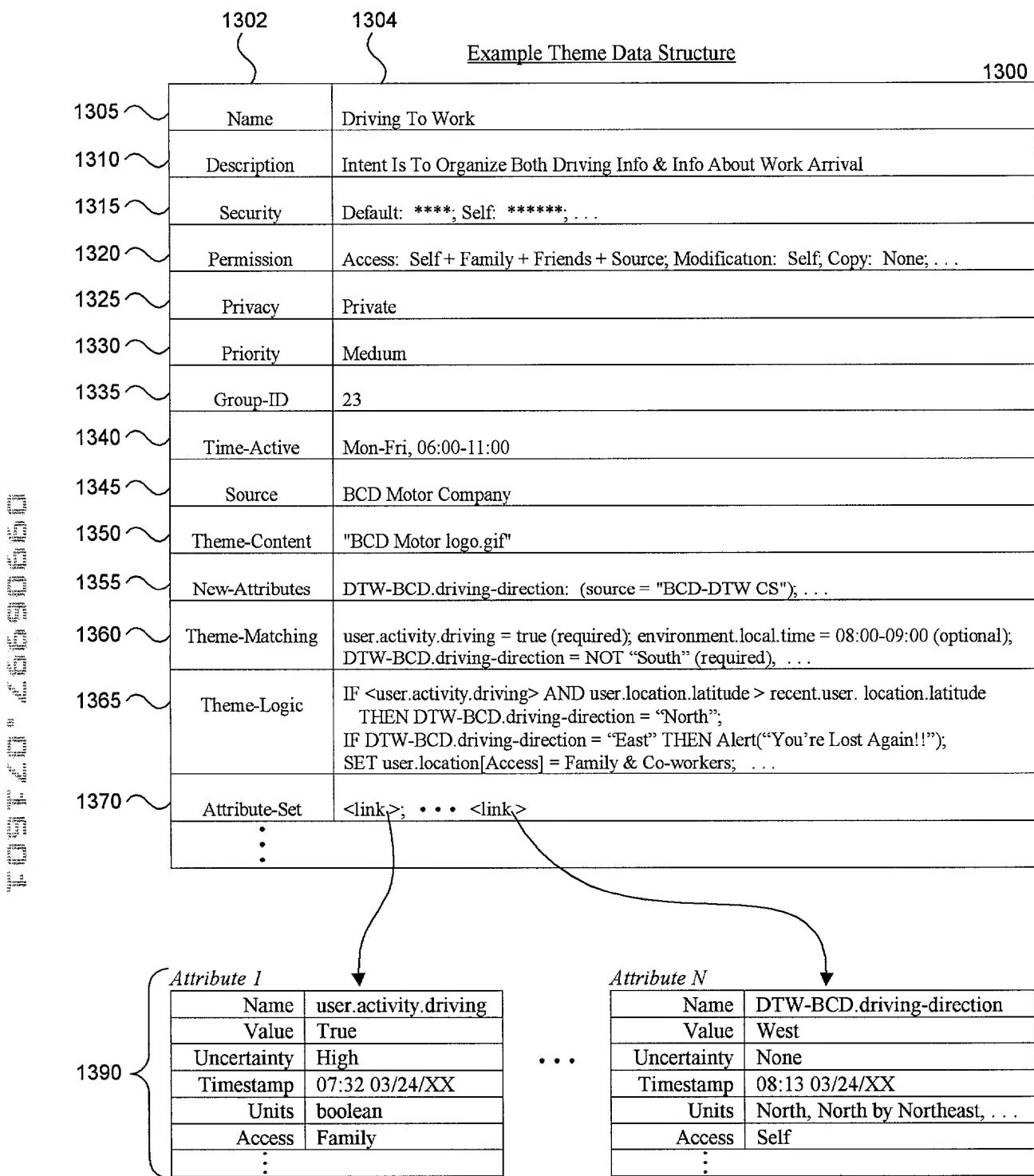
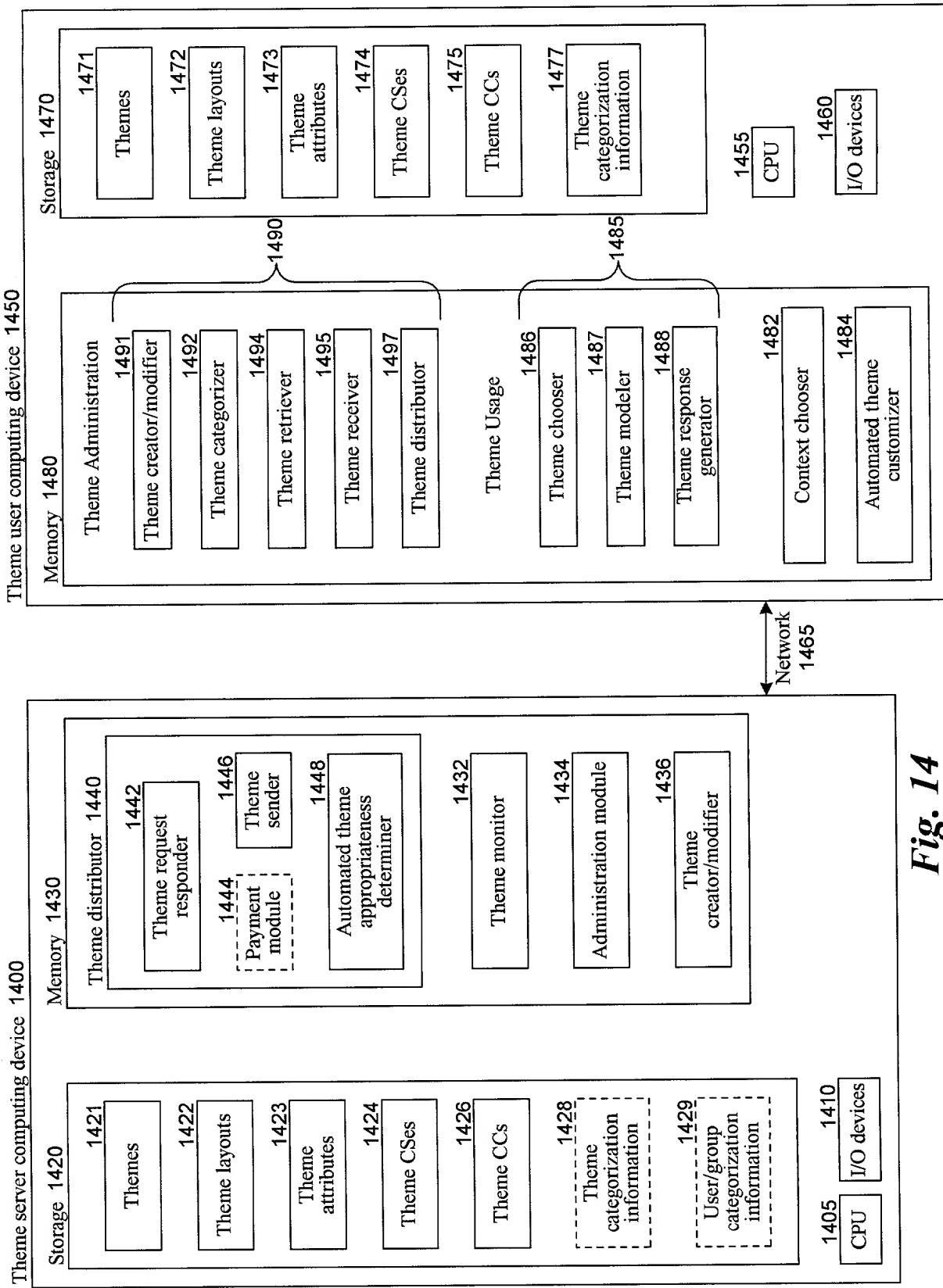
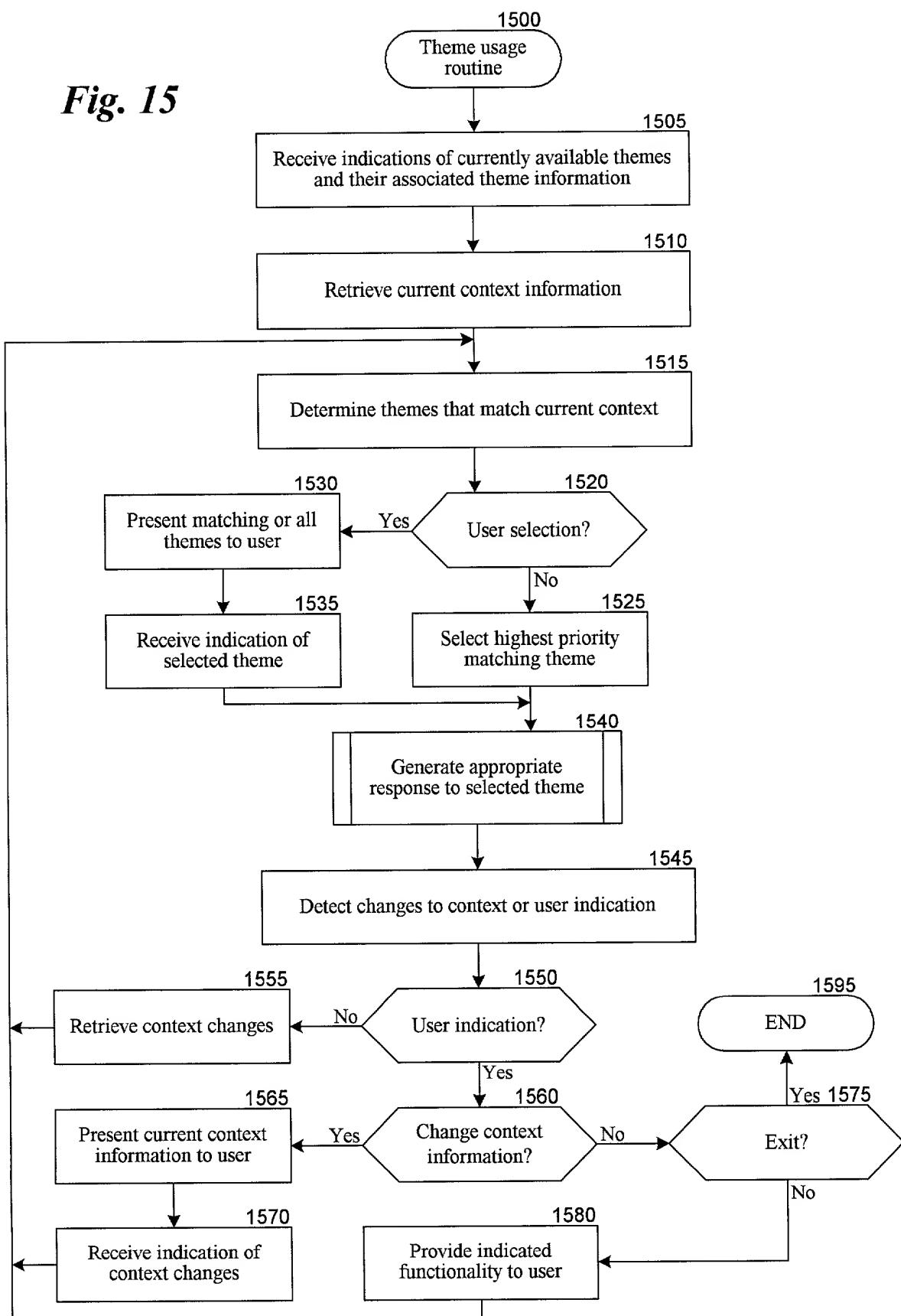


Fig. 13

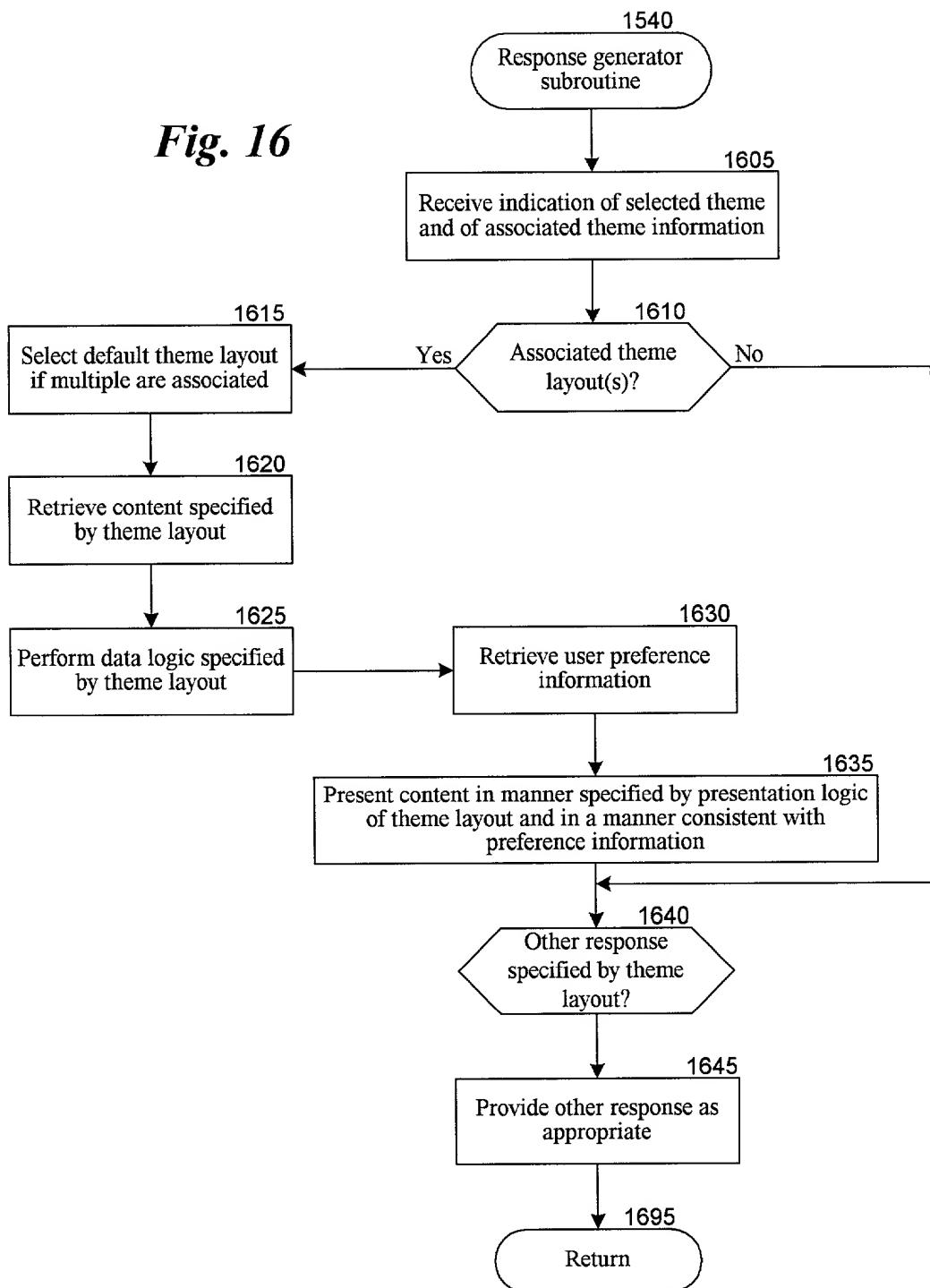


**Fig. 14**

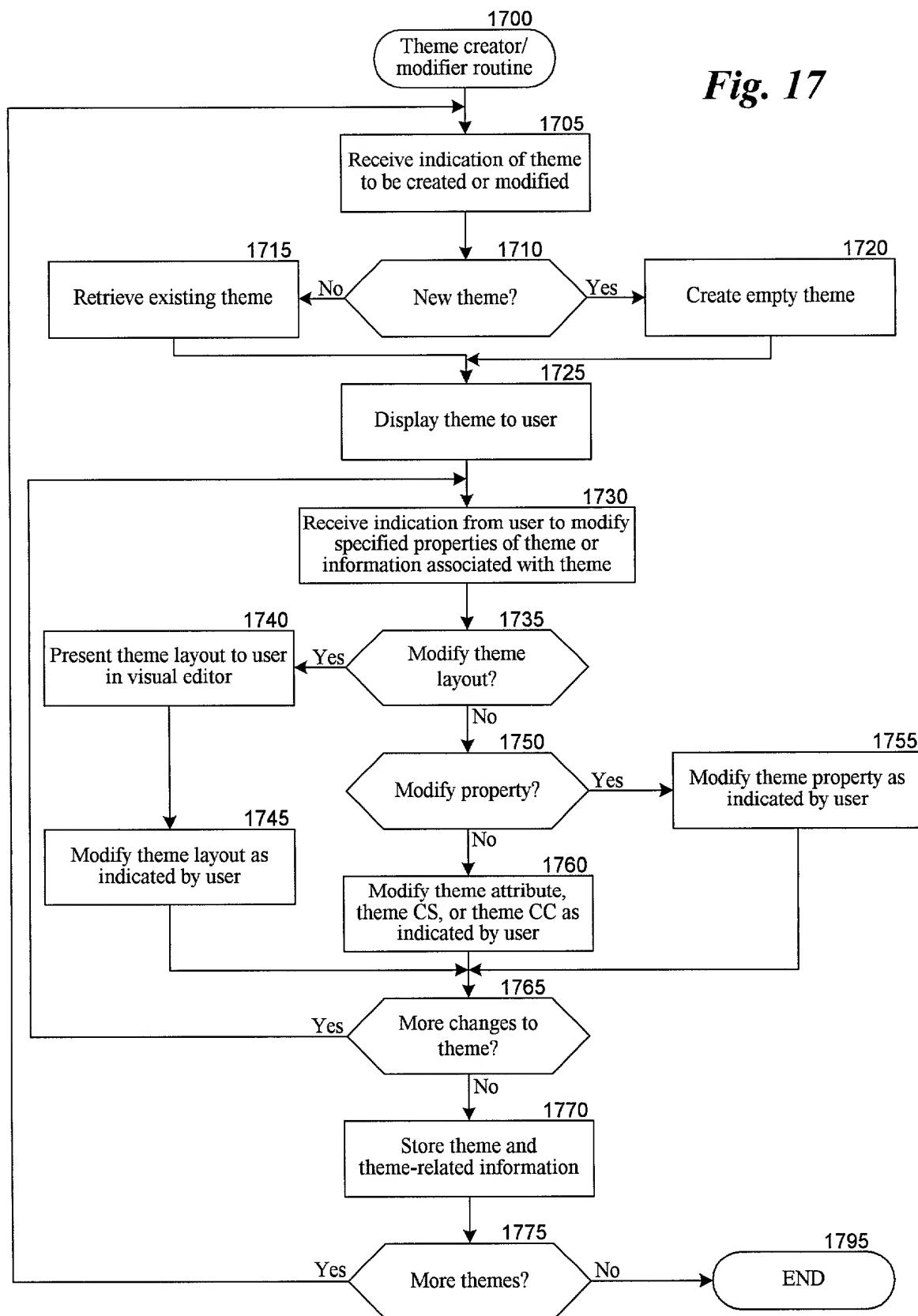
**Fig. 15**



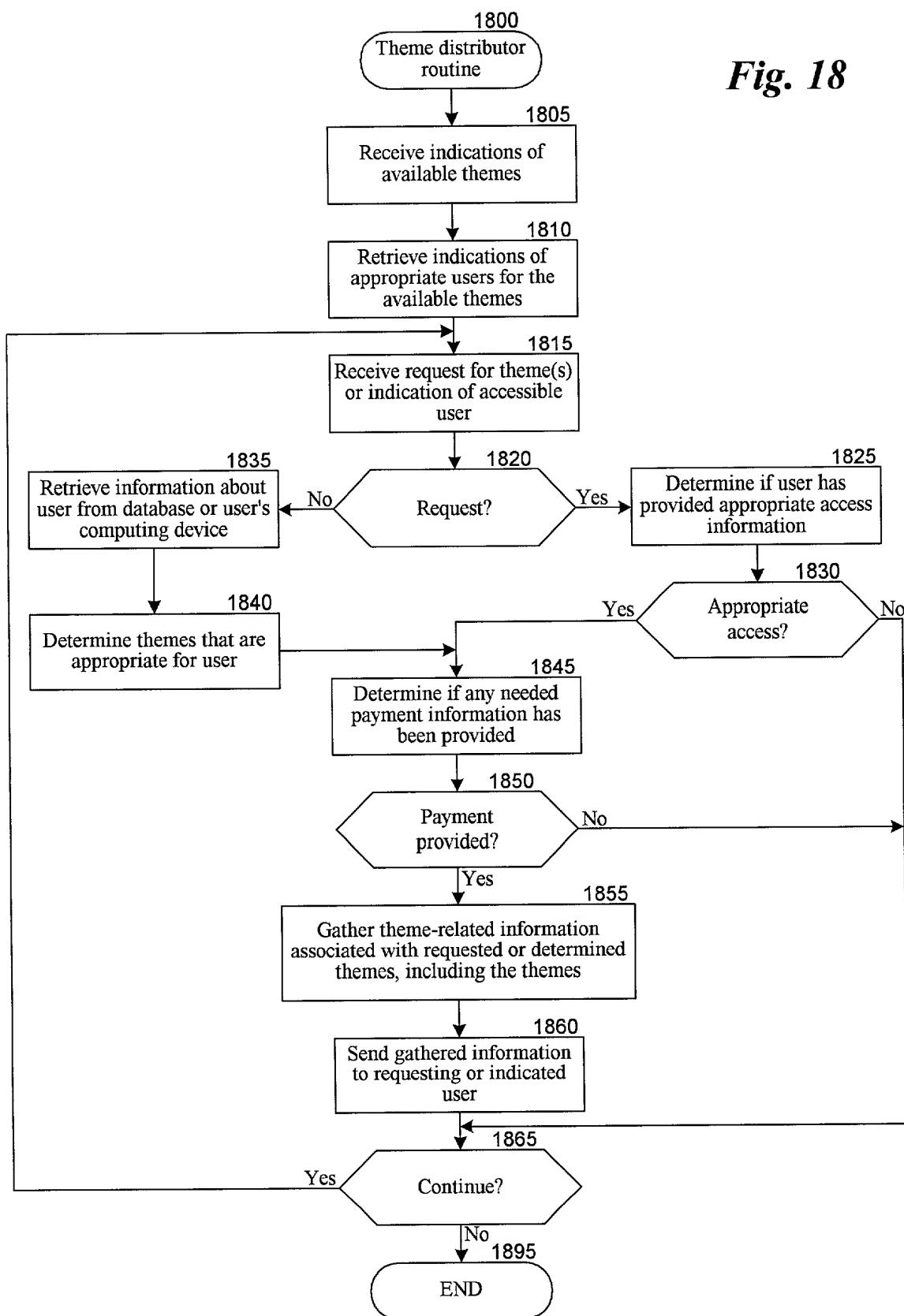
**Fig. 16**

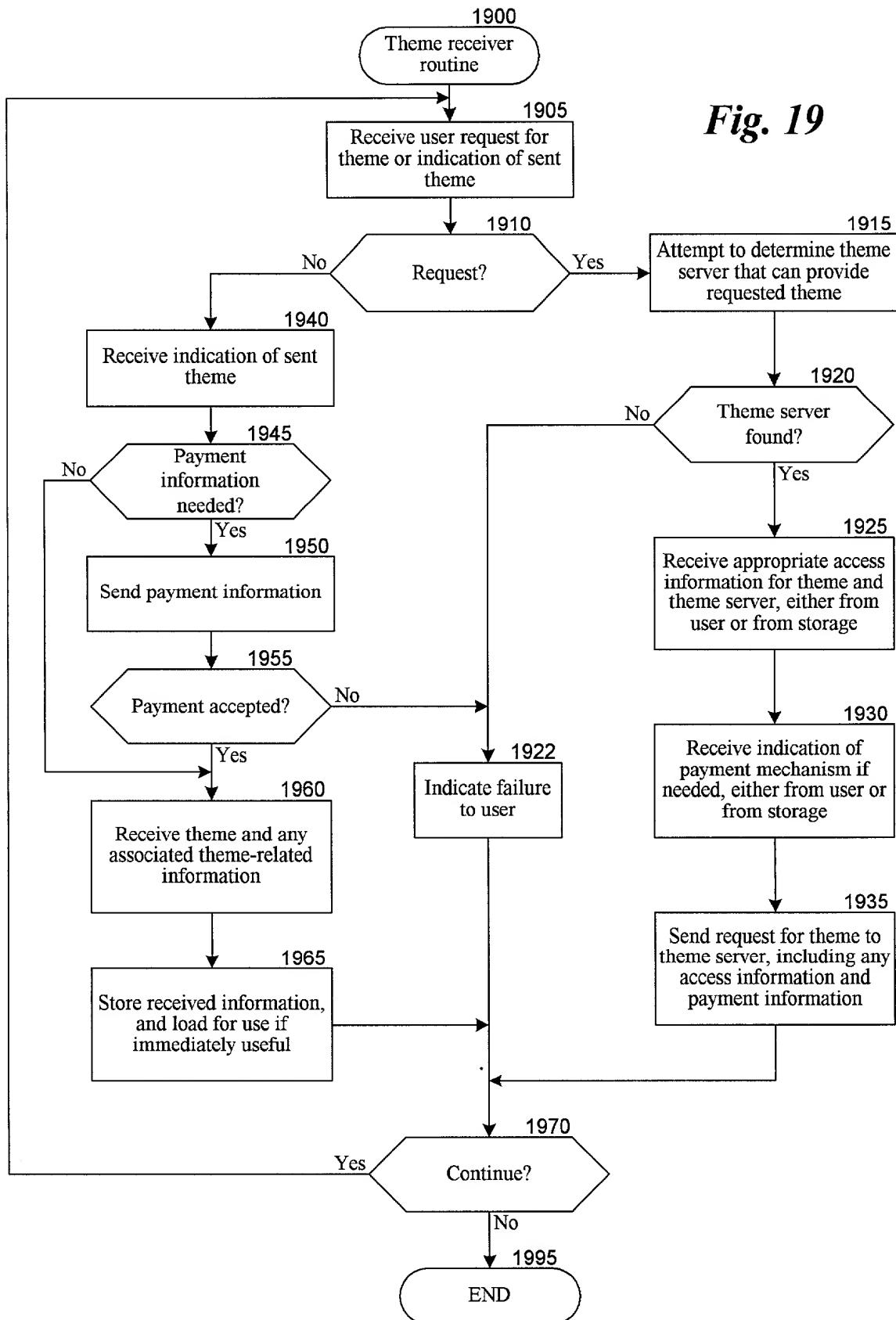


**Fig. 17**

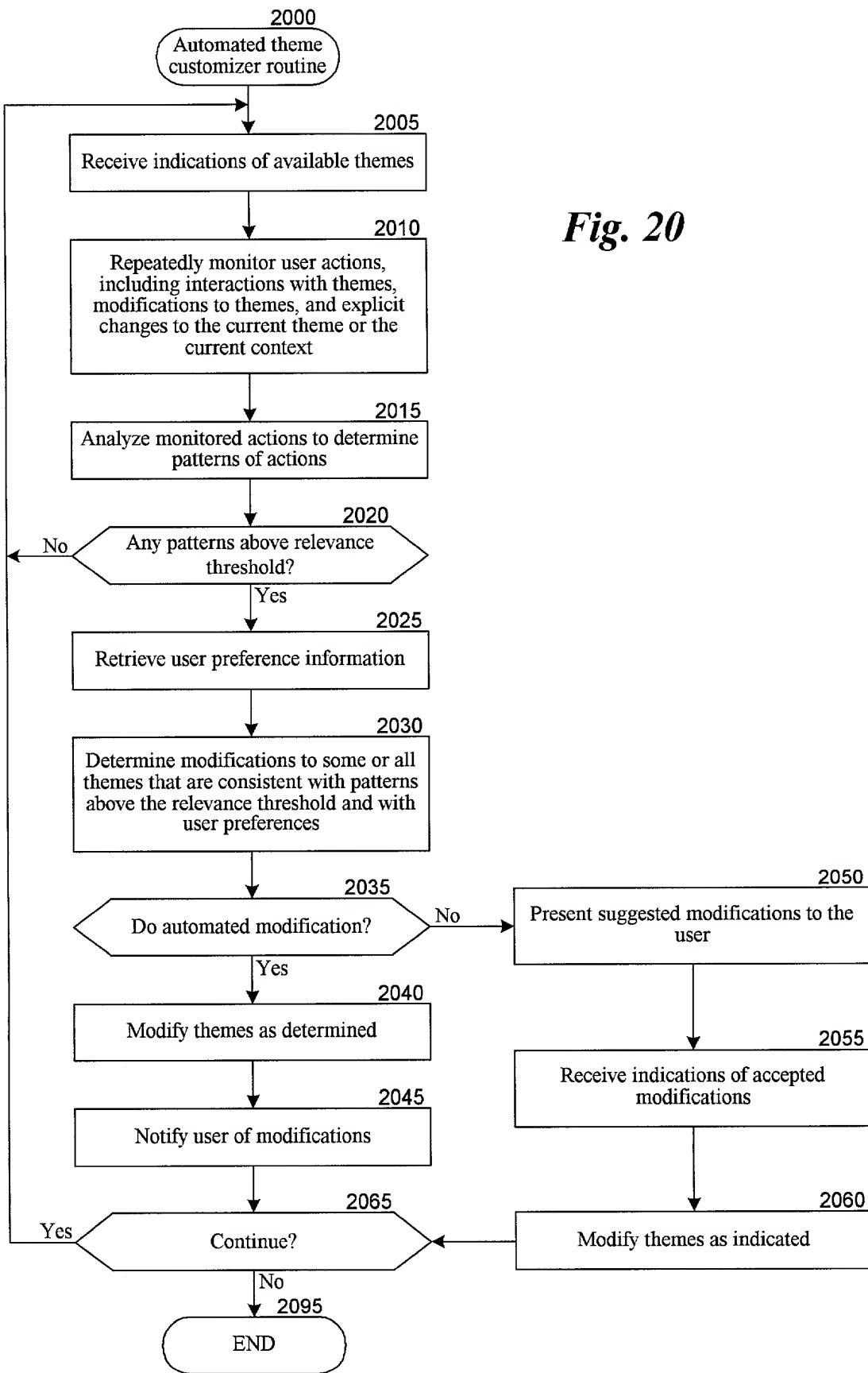


**Fig. 18**





*Fig. 19*



**Fig. 20**